



## Section 3

# Immigration and Naturalization

This section presents statistics related to immigration, naturalization, and alien registration. The principal source is the *Annual Report of the Immigration and Naturalization Service*, published by the Immigration and Naturalization Service (INS), a unit of the Department of Justice. Immigration statistics are prepared from entry visas and change of immigration status forms. Statistics for naturalization are compiled from periodic reports by Federal courts and specially designated State courts conducting such proceedings. Alien registration data are compiled from alien address report cards.

The collection of U.S. immigration statistics began under the Act of 1819. Data on persons arriving in ports were transmitted to the U.S. Secretary of State, who reported the information periodically to Congress. Subsequently, reports to the Secretary of State and to Congress were required by law, as well as the collection of data on immigrants arriving at land borders. Beginning in 1906, those arriving were divided into immigrants and nonimmigrants, depending on how long they intended to remain in the United States (see below).

**Immigrants.**—Immigrants are nonresident aliens (i.e., non U.S. citizens) admitted to the U.S. for permanent residence (one year or longer). The category includes persons who may have entered the U.S. as nonimmigrants or refugees, but who subsequently changed their status to that of a permanent resident. Generally, a 2-year time lag exists between the time persons are shown in data as nonimmigrants and the time they may be included as immigrants. A large increase of immigrants admitted to the U.S. in one year may have been due to an influx of refugees two or three years earlier. Thus, immigrants as measured in this section do not equal net civilian immigration as shown in table 3.

**Nonimmigrants.**—Nonimmigrants are nonresident aliens admitted to the United States for a temporary period. Included in this group are visitors for business and pleasure, students and their spouses and children, foreign government officials, exchange visitors and their spouses and children, international representatives, treaty traders and investors, representatives of foreign information media, fiances(ees) of U.S. citizens and their children, officials of the North Atlantic Treaty Organization (NATO), aliens in transit, and, for statistical purposes, permanent resident aliens returning after short trips abroad. Excluded are border crossers, crewmen, and insular travelers. Certain temporary admissions such as of persons in possession of border-crossing identification cards are not included in the nonimmigrant totals.

**Quota and nonquota immigrants.**—In 1921, Congress enacted the first numerical ceiling on immigration (357,000 per year) into the United States, although it applied only to Eastern Hemisphere countries and their dependencies. The 1921 Act also required that immigrants be classified as quota and nonquota immigrants. Quota immigrants were subject to congressionally mandated quotas for Eastern Hemisphere countries and their dependencies. Nonquota immigrants included natives of the Western Hemisphere and their spouses and children, immediate relatives of U.S. citizens, and certain groups of special immigrants.

Between 1929 and 1968 quotas were determined by the "national origins" formula which provided that the annual quota equal one-sixth of one percent of the number of White inhabitants in the continental United States in 1920, less Western Hemisphere immigrants and their descendants. The annual quota for each nationality was then determined by the same ratio to 150,000 as the number of inhabitants of each nationality living in the continental United States in 1920 to the total inhabitants, although a minimum quota for any nationality was 100.

The Act of 1965, which became fully effective in July 1968, abolished the quota system and set up an annual numerical limitation of 170,000 immigrants from the Eastern Hemisphere, with no more than 20,000 immigrants to come from any one country; a numerical limitation of 120,000 per year was imposed on Western Hemisphere immigration, which had previously been unrestricted. The 1965 Act thereby gave persons from every country within each hemisphere an equal chance to immigrate to the United States. After 1968 immigrants were classified as those subject to numerical limitations of the Eastern Hemisphere and of the Western Hemisphere, and those exempt from numerical limitations (see table 129). Those exempt include immediate relatives of U.S. citizens and various classes of special immigrants.

For immigrants subject to numerical limitations, numbers are allocated on a basis of seven preference categories, four of which provide for reunion of families of U.S. citizens and resident aliens, two for specified workers needed in the United States, and one for refugees. Numbers not used by these seven preferences are then available to qualified nonpreference immigrants. From 1968 to December 1976 preference classifications were applied only to immigrants from the Eastern Hemisphere. Beginning 1977 Western Hemisphere immigrants were also subject to preference and non-preference classifications. Effective October 1978 the separate hemisphere limits were abolished in favor of a worldwide limit of 290,000.

**Displaced persons and refugees.**—The Displaced Persons Act of 1948 was the first of a number of special acts passed to provide for the admission of refugees from Communist-dominated countries, victims of natural calamities, and orphans without regard to quotas or the numerical ceilings specified above.

**Status of Cubans.**—Effective November 1966, Cubans admitted or paroled (i.e., admitted without an immigration visa) into the United States after January 1, 1959, and present in the United States for at least 2 years, may obtain permanent resident status. A court decision in September 1976 exempted Cuban refugees from numerical limitations, retroactive to 1968.

**Status of Indochinese.**—Effective October 28, 1977, refugees from Vietnam, Laos, or Cambodia were eligible to apply to permanent resident status. Public Law 95-145 provided that Indochinese paroled into the United States after March 31, 1975, or physically present on that date, may become permanent residents after living for at least 2 years in the United States.

**Alien registration.**—All aliens in the United States on January 1 must report their current address each year to the U.S. Attorney General during January.

**Naturalization.**—Prior to 1907 each Federal court and each specially designated State court which conducted naturalization proceedings kept records of naturalizations but no national data were compiled. The Act of June 1906 provided for periodic returns by all courts conducting naturalization proceedings, and for the filing with a central Federal agency of a duplicate copy of each declaration of intention and petition for naturalization filed, and of each certificate of naturalization issued.

Most aliens acquire U.S. citizenship under the general provisions of the Immigration and Nationality Act of 1952, as amended. As specified by that Act, the requirements a prospective citizen must meet relate to residency, language proficiency, moral character, loyalty to the United States, attachment to the principles of the Constitution, etc. Spouses and children of U.S. citizens can be naturalized under less stringent conditions. In certain cases, an administrative, judicial, legislative, or executive waiver of the requirements may be obtained. Naturalization statistics are also maintained by INS.

**Historical statistics.**—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1970*. See Appendix I.

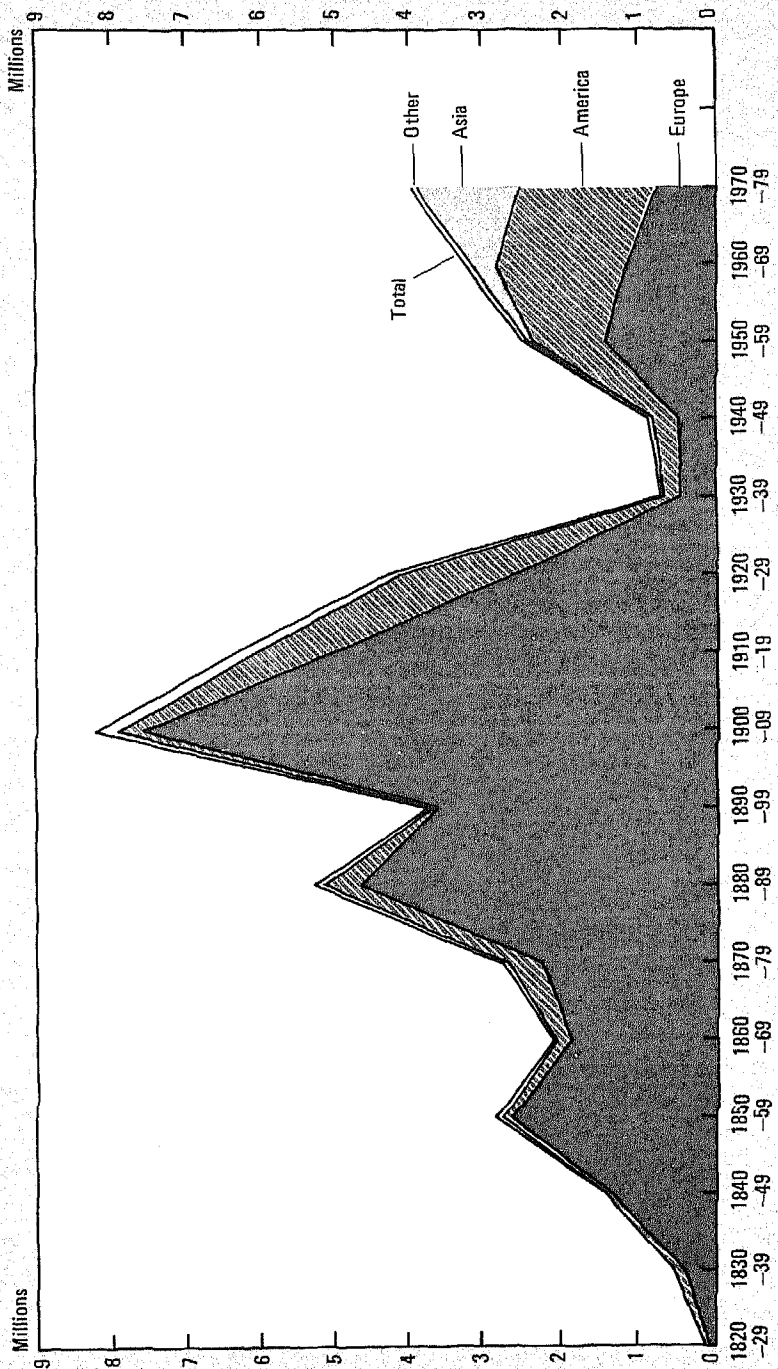
#### NO. 128. IMMIGRATION: 1820 TO 1979

[In thousands, except rate. Through 1976, for years ending June 30, except as noted; beginning 1977, ending Sept. 30. For definition of immigrants, see text, pp. 83-84. For 1820-1867, alien passengers arriving; 1868-1891 and 1895-1897, immigrants arriving; 1892-1894 and 1898 to the present, immigrants admitted. Rates based on Bureau of the Census estimates as of July 1 for resident population through 1929, and for total population thereafter (excluding Alaska and Hawaii prior to 1959). See also *Historical Statistics, Colonial Times to 1970*, series C 89]

PERIOD	TOTAL		PERIOD OR YEAR	TOTAL		YEAR	TOTAL	
	Number	Rate <sup>1</sup>		Number	Rate <sup>1</sup>		Number	Rate <sup>1</sup>
1820-1979.....	49,124	3.5	1911-1920.....	5,736	5.7	1969.....	359	1.8
1820-1830 <sup>2</sup> .....	152	1.2	1921-1930.....	4,107	3.5	1970.....	373	1.8
1831-1840 <sup>3</sup> .....	599	3.9	1931-1940.....	528	.4	1971.....	370	1.8
1841-1850 <sup>4</sup> .....	1,713	8.4	1941-1950.....	1,035	.7	1972.....	385	1.8
1851-1860 <sup>4</sup> .....	2,598	9.3	1951-1960.....	2,515	1.5	1973.....	400	1.9
1861-1870 <sup>4</sup> .....	2,315	6.4	1961-1970.....	3,322	1.7	1974.....	395	1.9
1871-1880.....	2,812	6.2	1971-1979.....	3,962	2.1	1975.....	386	1.8
1881-1890.....	5,247	9.2	1965.....	297	1.5	1976.....	399	1.9
1891-1900.....	3,688	5.3	1966.....	323	1.6	1977.....	462	2.1
1901-1910.....	8,795	10.4	1967.....	362	1.8	1978.....	601	2.8
			1968.....	454	2.3	1979.....	460	2.1

<sup>1</sup> Annual rate per 1,000 U.S. population, 10-year rate computed by dividing sum of annual immigration totals by sum of annual U.S. population totals for same 10 years. <sup>2</sup> Oct. 1, 1819-Sept. 30, 1830. <sup>3</sup> Oct. 1, 1830-Dec. 31, 1840. <sup>4</sup> Calendar years. <sup>5</sup> Jan. 1, 1861-June 30, 1870.

Figure 3.1  
Immigrants by Continent: 1820 to 1979



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 130.

## NO. 129. IMMIGRANTS ADMITTED, BY CLASSES: 1930 TO 1979

[For years ending June 30 except, beginning 1977, ending September 30. For definition of immigrants, see text, pp. 83-84. See also *Historical Statistics, Colonial Times to 1970*, series C 143-157]

CLASS OF ADMISSION	1930	1940	1950	1955	1960	1965	1967
Annual quota .....	153,714	153,774	154,206	154,657	154,887	158,561	158,261
Immigrants admitted.....	241,700	70,756	249,187	237,790	265,398	296,697	361,972
Natives of Eastern Hemisphere.....	141,497	51,997	197,460	82,232	101,373	99,381	153,079
Natives of Western Hemisphere.....	63,147	11,985	33,238	94,274	91,701	153,199	151,034
Immediate relatives of U.S. citizens.....	32,105	5,474	16,275	30,882	34,215	32,714	46,803
Other.....	4,951	1,300	2,214	30,402	38,109	11,403	10,956
	1970	1974	1975	1976	1977	1978	1979
Immigrants, total.....	373,326	394,861	386,194	398,613	462,315	601,442	460,348
Percent of aliens admitted.....	7.8	5.4	5.2	4.9	5.4	6.0	(NA)
Subject to Eastern Hemisphere limitations.....	172,547	159,059	160,460	166,204	170,161	165,743	279,478
Subject to Western Hemisphere limitations.....	114,736	115,072	121,101	118,569	106,339	175,361	
Exempt from numerical limitations.....	86,043	120,730	104,633	113,840	185,815	260,338	180,870
Subject to limitations <sup>1</sup> .....	267,283	274,131	281,561	284,773	276,500	341,104	279,478
Relative preferences.....	92,432	94,915	95,945	102,007	130,784	190,297	213,729
Unmarried sons and daughters of U.S. citizens and their children (1st preference).....	1,089	932	871	931	1,473	3,692	5,107
Spouses, unmarried sons and daughters of resident aliens, and their children (2d preference).....	30,714	43,920	43,077	44,339	54,914	77,747	100,681
Married sons and daughters of U.S. citizens (4th preference) <sup>2</sup> .....	8,350	3,404	3,623	4,077	4,818	11,404	15,714
Brothers and sisters of U.S. citizens (5th preference) <sup>2</sup> .....	52,279	46,659	48,374	52,660	69,579	97,454	92,227
Occupational preferences.....	34,016	28,482	29,334	26,361	23,585	30,877	37,709
Immigrants in professions (3d preference).....	10,142	7,763	8,363	8,318	6,554	5,287	5,075
Other workers (6th preference).....	8,786	6,420	6,724	4,792	4,673	8,888	11,623
Their spouses and children.....	15,088	14,299	14,247	13,251	12,358	16,702	21,011
Conditional entrants (7th preference).....	9,863	9,076	9,129	11,907	9,575	10,309	13,079
Nonpreference (incl. private bill cases).....	36,058	26,475	25,961	25,775	77,358	54,120	1,541
Natives of Western Hemisphere, their spouses and children.....	102,529	99,800	96,547	91,319	34,115	55,411	13,413
Cuban Refugee Act (Act of Nov. 1966) <sup>3</sup> .....	12,207	15,272	24,554	27,250	952	(x)	(x)
Other.....	178	111	91	154	131	90	7
Exempt from numerical limitations.....	86,043	120,730	104,633	113,840	185,815	260,338	180,870
Immediate relatives.....	79,213	104,844	91,504	102,019	105,957	125,819	138,178
Wives of U.S. citizens.....	36,276	40,274	33,719	37,856	36,104	49,151	46,902
Husbands of U.S. citizens.....	15,619	27,284	21,901	22,234	26,105	28,906	33,879
Children of U.S. citizens.....	18,095	24,758	22,315	23,889	22,572	23,917	25,679
Orphans adopted abroad.....	(NA)	4,770	5,633	6,552	6,493	1,326	1,195
Parents of U.S. citizens.....	9,223	12,528	13,569	18,040	21,176	23,845	31,718
Cuban Refugee Act <sup>3</sup> .....	(x)	(x)	(x)	(x)	67,958	28,296	11,378
Indochinese Act, Oct. 1977.....	(x)	(x)	(x)	(x)	(x)	94,146	20,666
Special immigrants.....	6,342	6,964	7,080	5,961	6,204	5,962	5,913
Ministers of religion <sup>2</sup> .....	1,497	1,416	1,231	1,368	1,301	1,307	1,368
Employees of the U.S. Government abroad <sup>2</sup> .....	290	1,176	1,622	449	692	591	989
Children born abroad to resident aliens or subsequent to issuance of visa.....	3,012	3,477	3,636	3,405	3,550	3,625	3,294
Aliens adjusted <sup>4</sup> .....	1,543	895	591	739	661	439	262
Spouses of U.S. citizens and their children, Act of April 7, 1970.....	9	7,885	5,057	5,014	5,598	6,006	4,647
Others not subject to numerical limitation.....	479	1,037	992	846	98	109	88

NA Not available. X Not applicable.

<sup>1</sup> From 1970 to December 1976 preference classifications were applied only to Eastern Hemisphere immigrants; see text, pp. 83-84. <sup>2</sup> Includes spouses and children. <sup>3</sup> See text, Status of Cubans, p. 84. As of Jan. 1977, Act of Nov. 1966 not subject to numerical limitations. <sup>4</sup> Under sections 244 and 249, Immigration and Naturalization Act.

Source: U.S. Immigration and Naturalization Service, *Annual Report*.



## NO. 130. IMMIGRANTS, BY COUNTRY OF LAST PERMANENT RESIDENCE: 1820 TO 1979

[In thousands, except percent. For years ending June 30 except, beginning 1977, ending September 30. For definition of immigrants, see text, pp. 83-84. Data prior to 1906 refer to country from which aliens came. Because of boundary changes and changes in list of countries separately reported, data for certain countries not comparable throughout. See also *Historical Statistics, Colonial Times to 1970*, series C 89-119]

COUNTRY	1820- 1979, total	1951- 1960, total	1961- 1970, total	1971- 1979, total	1975	1976	1977	1978	1979	PERCENT		
										1820- 1979	1961- 1970	1971- 1979
<b>Total</b> .....	<b>49,124</b>	<b>2,515.5</b>	<b>3,321.7</b>	<b>3,962.5</b>	<b>386.2</b>	<b>398.6</b>	<b>462.3</b>	<b>601.4</b>	<b>460.3</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
<b>Europe</b> .....	<b>36,267</b>	<b>1,325.6</b>	<b>1,123.4</b>	<b>728.2</b>	<b>72.8</b>	<b>73.0</b>	<b>74.0</b>	<b>76.2</b>	<b>64.2</b>	<b>73.8</b>	<b>33.8</b>	<b>18.4</b>
Austria <sup>1</sup> .....	4,316	67.1	20.6	9.1	.5	.5	.5	.5	.5	.8	.6	.2
Hungary .....		36.6	5.4	5.8	.6	.6	.5	.6	.5		.2	.1
Belgium .....	204	18.6	9.2	4.7	.4	.5	.5	.6	.6		.3	.1
Czechoslovakia .....	138	.9	3.3	5.0	.3	.3	.3	.4	.5	.3	.1	.1
Denmark .....	364	11.0	9.2	3.9	.3	.4	.4	.4	.4	.7	.3	.1
Finland .....	33	4.9	4.2	2.3	.2	.2	.2	.3	.3	.1	.1	.1
France .....	754	51.1	45.2	22.7	1.8	2.0	2.7	2.7	2.9	1.5	1.4	.6
Germany <sup>1</sup> .....	6,985	477.8	190.8	67.9	5.9	6.6	7.4	7.6	7.2	14.2	5.7	1.7
Great Britain <sup>2</sup> .....	4,914	195.5	210.0	121.5	12.2	13.0	14.0	16.4	15.5	10.0	6.3	3.1
Greece .....	661	47.6	86.0	87.7	9.8	8.6	7.8	7.0	5.9	1.3	2.6	2.2
Ireland <sup>3</sup> .....	4,724	57.3	37.5	10.6	1.1	1.0	1.0	.9	.8	9.6	1.1	.3
Italy .....	5,300	185.5	214.1	123.9	11.0	8.0	7.4	7.0	6.0	10.8	6.4	3.1
Netherlands .....	360	52.3	30.6	9.5	.8	.9	1.0	1.2	1.2	.7	.9	.2
Norway .....	856	22.9	15.5	3.5	.4	.3	.3	.4	.4	1.7	.5	.1
Poland <sup>1</sup> .....	520	10.0	53.5	32.5	3.5	3.2	3.3	4.5	3.9	1.1	1.6	.8
Portugal .....	453	19.6	76.1	93.3	11.3	11.0	10.0	10.5	7.1	.9	2.3	2.4
Soviet Union <sup>1 4</sup> .....	3,376	.6	2.3	28.4	4.7	7.4	5.4	4.7	1.9	6.9	.1	.7
Spain .....	262	7.9	44.7	37.4	2.6	2.3	5.6	4.3	3.3	.5	1.3	.9
Sweden .....	1,273	21.7	17.1	5.8	.5	.6	.6	.6	.8	2.6	.5	.1
Switzerland .....	350	17.7	18.5	7.7	.7	.8	.8	.9	.8	.7	.6	.2
Yugoslavia .....	116	8.2	20.4	28.5	2.9	2.3	2.3	2.2	1.9	.2	.6	.7
Other Europe .....	310	10.8	9.2	16.4	1.3	2.0	2.0	2.5	1.8	.6	.3	.4
<b>Asia</b> .....	<b>3,038</b>	<b>153.3</b>	<b>427.8</b>	<b>1,352.1</b>	<b>129.2</b>	<b>146.7</b>	<b>150.8</b>	<b>243.6</b>	<b>183.0</b>	<b>6.2</b>	<b>12.9</b>	<b>34.1</b>
China <sup>5</sup> .....	540	9.7	34.8	96.7	9.2	9.9	12.5	14.5	12.3	1.1	1.0	2.4
Hong Kong .....	<sup>6</sup> 200	15.5	75.0	109.5	12.5	13.7	12.3	11.1	16.8	.4	2.3	2.8
India .....	182	2.0	27.2	14.4	14.3	16.1	16.8	19.1	18.6	.4	.8	3.6
Iran .....	<sup>6</sup> 48	3.4	10.3	34.9	2.2	2.6	4.2	5.9	8.3	.1	.3	.9
Israel .....	<sup>6</sup> 90	25.5	29.6	34.2	3.5	5.2	4.4	4.5	4.3	.2	.9	.9
Japan .....	411	46.3	40.0	45.4	4.8	4.8	4.5	4.5	4.5	.8	1.2	1.1
Jordan .....	<sup>6</sup> 41	5.8	11.7	24.0	2.3	2.4	2.9	3.2	3.2	.1	.3	.6
Korea .....	<sup>6</sup> 276	6.2	34.5	235.4	28.1	30.6	30.7	28.8	28.7	.6	1.0	5.9
Lebanon .....	<sup>6</sup> 59	4.5	15.2	37.3	4.0	5.0	5.5	4.8	4.8	.1	.5	.9
Philippines .....	<sup>7</sup> 431	19.3	98.4	312.7	31.3	36.8	38.5	36.6	40.8	.9	3.0	7.9
Turkey .....	386	3.5	10.1	11.1	1.1	1.0	1.0	1.0	1.3	.8	.3	.3
Vietnam .....	<sup>8</sup> 133	2.7	4.2	129.3	2.7	2.4	3.4	87.6	19.1	.3	.1	3.3
Other Asia .....	244	9.0	36.7	140.3	13.2	16.2	14.1	22.0	20.3	.5	1.2	3.5
<b>America</b> .....	<b>9,248</b>	<b>996.9</b>	<b>1,716.4</b>	<b>1,778.3</b>	<b>174.7</b>	<b>169.2</b>	<b>223.2</b>	<b>266.5</b>	<b>197.1</b>	<b>18.8</b>	<b>51.7</b>	<b>44.9</b>
Argentina .....	<sup>9</sup> 97	19.5	49.7	27.2	2.8	2.7	3.1	4.1	3.1	.2	1.5	.7
Brazil .....	<sup>9</sup> 59	13.8	29.3	16.4	1.4	1.4	1.9	2.2	1.8	.1	.9	.4
Canada .....	4,125	378.0	413.3	156.2	11.2	11.4	18.0	23.5	20.2	8.4	12.4	3.9
Colombia .....	<sup>9</sup> 156	18.0	72.0	66.0	6.4	5.7	8.2	10.9	10.5	.3	2.2	1.7
Cuba .....	<sup>10</sup> 539	78.9	208.5	249.7	25.6	28.4	66.1	27.5	14.0	1.1	6.3	6.3
Dominican Republic .....	<sup>10</sup> 235	9.9	93.3	130.8	14.1	12.4	11.6	19.5	17.5	.5	2.8	3.3
Ecuador .....	<sup>9</sup> 91	9.8	36.8	44.0	4.7	4.5	5.2	5.7	4.4	.2	1.1	1.1
El Salvador .....	<sup>9</sup> 50	5.9	15.0	28.4	2.4	2.4	4.4	5.9	4.5	.1	.4	.7
Guatemala .....	<sup>9</sup> 44	4.7	15.9	22.2	1.9	2.0	3.7	4.1	2.6	.1	.5	.6
Haiti .....	<sup>10</sup> 89	4.4	34.5	49.8	5.0	5.3	5.2	6.1	6.1	.2	1.0	1.3
Honduras .....	<sup>9</sup> 37	6.0	15.7	14.8	1.4	1.3	1.6	2.7	2.5	.2	.5	.4
Mexico .....	2,177	299.8	453.9	583.7	62.6	58.4	44.6	92.7	52.5	4.4	13.7	14.7
Panama .....	<sup>9</sup> 51	11.7	19.4	19.8	1.7	1.8	2.5	3.3	3.5	.1	.6	.5
Peru .....	<sup>9</sup> 52	7.4	19.1	25.1	2.3	2.6	3.9	5.1	4.0	.1	.6	.6
West Indies .....	758	29.8	133.9	237.4	22.3	19.6	27.1	34.6	33.5	1.5	4.0	6.0
Other America .....	695	99.2	106.2	106.9	8.9	9.3	16.1	18.6	16.4	1.4	3.2	2.7
<b>Africa</b> .....	<b>142</b>	<b>14.1</b>	<b>29.0</b>	<b>66.7</b>	<b>5.9</b>	<b>5.7</b>	<b>9.6</b>	<b>10.3</b>	<b>11.2</b>	<b>.3</b>	<b>.9</b>	<b>1.7</b>
<b>Australia and New Zealand</b> .....	<b>123</b>	<b>11.5</b>	<b>19.6</b>	<b>21.6</b>	<b>1.8</b>	<b>2.1</b>	<b>2.5</b>	<b>2.6</b>	<b>2.5</b>	<b>.3</b>	<b>.6</b>	<b>.5</b>
<b>All other</b> .....	<b>309</b>	<b>14.0</b>	<b>5.7</b>	<b>15.8</b>	<b>1.8</b>	<b>1.9</b>	<b>2.2</b>	<b>2.2</b>	<b>2.3</b>	<b>.6</b>	<b>.2</b>	<b>.4</b>

<sup>1</sup> 1938-1945, Austria included with Germany; 1899-1919, Poland included with Austria-Hungary, Germany, and Soviet Union.

<sup>2</sup> Beginning 1952, includes data for United Kingdom not specified, formerly included with "Other Europe." <sup>3</sup> Comprises Eire and Northern Ireland. <sup>4</sup> Europe and Asia. <sup>5</sup> Beginning 1957, includes Taiwan. <sup>6</sup> Prior to 1951, included with "Other Asia."

<sup>7</sup> Prior to 1951, Philippines included with "All other." <sup>8</sup> Prior to 1953, data for Vietnam not available.

<sup>9</sup> Prior to 1951, included with "Other America." <sup>10</sup> Prior to 1951, included with "West Indies."

Source: U.S. Immigration and Naturalization Service, *Annual Report*.

## NO. 131. IMMIGRANTS, BY COUNTRY OF BIRTH: 1951 TO 1979

[In thousands. For years ending June 30 except, beginning 1977, ending September 30. For definition of immigrants, see text, pp. 83-84. See headline, table 130 for statement on boundary changes]

COUNTRY OF BIRTH	1951-1960, total	1961-1970, total	1971-1979, total	1970	1975	1976	1977	1978	1979	PERCENT	
										1961-1970	1971-1979
All countries .....	2,515.5	3,321.7	3,962.5	373.3	386.2	398.6	462.3	601.4	460.3	100.0	100.0
Europe <sup>1</sup> .....	1,492.2	1,238.6	729.2	116.0	74.0	72.4	70.0	73.2	60.8	37.3	18.4
Austria .....	29.7	13.7	4.3	.9	.4	.3	.4	.5	.4	.4	.1
Belgium .....	12.9	8.5	3.6	.5	.3	.4	.4	.4	.4	.3	.1
Czechoslovakia .....	28.8	21.4	9.1	4.5	.5	.6	.6	.7	.8	.6	.2
Denmark .....	13.7	11.8	4.0	.6	.4	.4	.4	.4	.4	.4	.1
Finland .....	6.7	5.8	3.7	.5	.3	.3	.3	.4	.3	.2	.1
France .....	38.0	34.3	15.8	2.5	1.4	1.5	1.6	1.8	1.7	1.0	.4
Germany .....	345.5	200.0	59.4	9.7	5.2	5.8	6.4	6.7	6.3	6.0	1.5
Greece .....	48.4	90.2	88.9	16.5	10.0	8.4	7.8	7.0	5.1	2.7	2.2
Hungary .....	64.5	17.3	10.9	1.8	.9	.9	.9	.9	.9	.5	.3
Ireland .....	64.4	42.4	13.2	1.6	1.3	1.2	1.2	1.2	1.0	1.3	.3
Italy .....	188.0	206.7	124.7	25.0	11.6	8.4	7.5	7.4	6.2	6.2	3.1
Netherlands .....	47.2	27.8	9.5	1.5	.8	.9	1.0	1.2	1.1	.8	.2
Norway .....	24.7	16.4	4.3	.5	.4	.3	.3	.4	.4	.5	.1
Poland .....	128.0	73.3	38.7	3.6	3.9	3.8	4.0	5.1	4.4	2.2	1.0
Portugal .....	20.4	79.3	96.0	13.2	11.8	10.5	9.7	10.4	7.1	2.4	2.4
Romania .....	17.4	14.9	15.6	1.8	1.2	2.2	2.0	2.0	1.6	.4	.4
Soviet Union .....	46.5	15.7	32.5	.9	5.1	8.2	5.7	5.2	2.5	.5	.8
Spain .....	10.7	30.5	28.0	4.1	2.5	2.3	2.5	2.3	1.9	.9	.7
Sweden .....	18.9	16.7	5.6	.7	.5	.5	.6	.6	.8	.5	.1
Switzerland .....	17.2	16.3	5.8	1.1	.5	.6	.6	.7	.7	.5	.1
United Kingdom .....	208.9	230.5	108.0	14.2	10.8	11.4	12.5	14.2	13.9	6.9	2.7
Yugoslavia .....	58.7	46.2	40.0	8.6	3.5	2.8	2.8	2.6	2.2	1.4	1.0
Asia <sup>1</sup> .....	157.1	445.3	1,397.8	94.9	132.4	149.9	157.8	249.8	189.3	13.4	35.3
China <sup>2</sup> .....	32.7	96.7	175.0	14.1	18.5	18.8	20.0	21.3	24.3	2.9	4.4
Hong Kong .....	3.1	25.6	43.7	3.9	4.9	5.8	5.6	5.2	4.1	.8	1.1
India .....	3.1	31.2	154.1	10.1	15.8	17.5	18.6	20.6	19.7	.9	3.9
Iran .....	2.5	10.4	35.8	1.8	2.3	2.7	4.3	5.9	8.5	.3	.9
Iraq .....	1.4	6.4	20.9	1.2	3.0	3.4	2.8	2.2	2.9	.2	.5
Israel .....	8.6	12.9	23.0	2.0	2.1	3.0	3.0	3.3	3.1	.4	.6
Japan .....	44.7	38.5	41.4	4.5	4.3	4.3	4.2	4.0	4.0	1.2	1.0
Jordan .....	5.1	14.0	25.6	2.8	2.6	2.6	2.9	3.1	3.4	.4	.6
Korea .....	7.0	35.8	239.6	9.3	28.4	30.8	30.9	29.3	29.2	1.1	6.0
Lebanon .....	3.2	7.5	29.8	1.9	2.1	2.8	5.7	4.6	4.6	.2	.8
Philippines .....	17.2	101.5	318.0	31.2	31.8	37.3	39.1	37.2	41.3	3.1	8.0
Thailand .....	(NA)	5.0	39.9	1.8	4.2	6.9	3.9	3.8	3.2	.2	1.0
Turkey .....	2.4	6.8	16.5	2.1	1.6	1.7	1.8	1.8	1.8	.2	.4
Vietnam .....	2.0	4.6	136.0	1.5	3.0	3.0	4.6	88.5	22.5	.1	3.4
North America <sup>1</sup> .....	769.1	1,351.1	1,480.2	129.1	146.7	142.3	187.3	220.8	157.6	40.7	37.4
Canada .....	274.9	286.7	101.2	13.8	7.3	7.6	12.7	16.9	13.8	8.6	2.6
Mexico .....	319.3	443.3	580.6	44.5	62.2	57.9	44.1	92.4	52.1	13.3	14.7
West Indies <sup>1</sup> .....	122.8	519.5	686.5	61.4	67.4	66.8	114.0	91.4	74.1	15.6	17.3
Barbados .....	1.6	9.4	18.3	1.8	1.6	1.7	2.8	3.0	2.5	.3	.5
Cuba .....	78.3	256.8	261.8	16.3	26.0	29.2	69.8	29.8	15.6	7.7	6.6
Dominican Republic .....	9.8	94.1	130.8	10.8	14.0	12.5	11.7	19.5	17.5	2.8	3.3
Haiti .....	4.0	37.5	52.0	6.9	5.1	5.4	5.4	6.5	6.4	1.1	1.3
Jamaica .....	8.7	71.0	123.1	15.0	11.1	9.0	11.5	19.3	19.7	2.1	3.1
Trinidad and Tobago .....	1.6	24.6	56.5	7.4	6.0	4.8	6.1	6.0	5.2	.7	1.4
Central America <sup>1</sup> .....	44.6	97.7	111.4	9.3	9.7	9.9	16.5	20.2	17.5	2.9	2.8
El Salvador .....	4.8	15.0	28.3	1.7	2.4	2.4	4.4	5.8	4.5	.5	.7
Guatemala .....	4.1	15.4	21.9	2.1	1.9	2.0	3.6	4.0	2.6	.5	.6
Panama .....	9.7	18.4	19.2	1.6	1.7	1.7	2.4	3.1	3.5	.6	.5
South America <sup>1</sup> .....	72.2	228.3	244.7	22.0	23.0	22.7	33.0	41.8	35.3	6.9	6.2
Argentina .....	14.3	42.1	22.3	3.4	2.2	2.3	2.8	3.7	2.9	1.3	.6
Brazil .....	8.9	20.6	12.1	1.9	1.1	1.0	1.5	1.9	1.5	.6	.3
Colombia .....	17.6	70.3	66.2	6.8	6.4	5.7	8.3	11.0	10.6	2.1	1.7
Ecuador .....	9.5	37.0	44.0	4.4	4.7	4.5	5.3	5.7	4.4	1.1	1.1
Guyana .....	1.0	7.1	39.1	1.8	3.2	3.3	5.7	7.6	7.0	.2	1.0
Peru .....	5.7	18.6	24.9	.9	2.3	2.6	3.9	5.2	4.1	.6	.6
Africa .....	16.6	39.3	77.3	8.1	6.7	7.7	10.1	11.5	12.8	1.2	2.0
Egypt .....	3.7	17.2	22.5	4.9	1.7	1.8	2.3	2.8	3.2	.5	.6
Australia .....	3.7	9.9	12.9	1.7	1.1	1.4	1.4	1.6	1.4	.3	.3
New Zealand .....	1.3	3.7	5.3	.6	.4	.4	.6	.6	.6	.1	.1
Other countries .....	3.3	5.5	15.1	.9	1.8	2.0	2.1	2.1	2.5	.2	.4

NA Not available. <sup>1</sup> Includes countries not shown separately. <sup>2</sup> Includes Taiwan.  
Source: U.S. Immigration and Naturalization Service, *Annual Report*, and releases.

## NO. 132. IMMIGRANTS, BY SELECTED CHARACTERISTICS: 1951 TO 1979

[In thousands, except as indicated. Through 1976, for years ending June 30; beginning 1977, ending Sept. 30. For definition of immigrants, see text, pp. 83-84; for definition of median, see Guide to Tabular Presentation. See also *Historical Statistics, Colonial Times to 1970*, series C 120-142]

CHARACTERISTIC	1951- 1960, total	1961- 1970, total	1971- 1979, total	1975	1976	1977	1978	1979	PERCENT	
									1961- 1970	1971- 1979
<b>Total</b> .....	<b>2,515</b>	<b>3,322</b>	<b>3,962</b>	<b>386.2</b>	<b>398.6</b>	<b>462.3</b>	<b>601.4</b>	<b>460.3</b>	<b>100.0</b>	<b>100.0</b>
Male.....	<sup>1</sup> 859	<sup>1</sup> 488	<sup>1</sup> 859	180.7	184.8	216.4	286.4	219.5	44.8	46.9
Married.....	368	651	913	88.7	92.8	112.2	136.1	105.5	19.6	23.0
Single.....	467	816	925	90.1	89.4	100.6	146.6	110.8	24.6	23.3
Other.....	24	21	24	1.9	2.6	3.6	3.7	3.2	.6	.6
Female.....	<sup>1</sup> 1,014	1,834	2,103	205.5	213.8	245.9	315.1	240.8	55.2	53.1
Married.....	501	883	1,156	112.2	118.8	135.6	168.9	130.7	26.6	29.2
Single.....	451	856	845	83.5	83.1	93.9	129.7	97.2	25.8	21.3
Other.....	63	95	104	9.8	11.9	16.4	16.5	12.9	2.9	2.6
Males per 1,000 females.....	850	811	884	879	864	880	909	912	(x)	(x)
<b>Age:</b>										
Under 16 years.....	576	847	1,035	105.4	102.2	108.2	153.0	110.9	25.5	26.1
16-44 years.....	<sup>1</sup> 596	2,018	2,347	226.0	234.0	266.9	358.7	277.0	60.7	59.3
45 years and over.....	343	457	581	54.8	62.3	87.2	89.8	72.5	13.8	14.6
Median age (year).....	<sup>1</sup> 25.8	25.2	25.0	25.4	26.0	27.1	26.2	26.3	(x)	(x)
<b>Occupation:<sup>2</sup></b>										
Professional, tech., and kindred.....	184	337	398	38.5	41.1	45.0	48.9	39.5	10.1	10.3
Managers and administrators <sup>3</sup> .....	53	66	115	10.0	11.6	17.4	20.9	18.9	2.0	2.9
Sales workers.....	(*)	(*)	34	3.4	3.9	5.6	6.5	5.0	(*)	.7
Clerical and kindred workers.....	<sup>1</sup> 197	<sup>2</sup> 245	155	14.1	14.9	20.5	27.3	21.1	<sup>4</sup> 7.4	4.1
Craftsmen and kindred workers.....	196	207	194	20.6	18.8	21.3	27.8	20.3	6.2	4.0
Operatives, except transport.....	<sup>1</sup> 168	<sup>5</sup> 162	219	18.4	20.9	30.5	42.4	26.8	<sup>4</sup> 4.9	5.6
Transport equipment operatives.....	(*)	(*)	23	2.9	3.2	4.0	4.9	4.4	(*)	.6
Laborers, except farm.....	133	129	143	13.0	12.1	12.2	22.9	13.8	3.9	3.6
Farmers and farm managers.....	49	26	8	.9	1.4	.6	.5	.8	.7	.2
Farm laborers and farm foremen.....	43	57	70	6.3	6.2	6.9	11.1	12.5	1.7	1.7
Service workers exc. pvt. household.....	70	108	150	15.5	14.0	16.8	25.0	13.4	3.3	3.9
Private household workers.....	94	127	82	5.9	6.8	8.5	10.5	8.6	3.8	2.1
<b>No occupation<sup>6</sup></b> .....	<b>1,329</b>	<b>1,857</b>	<b>2,377</b>	<b>236.6</b>	<b>243.9</b>	<b>273.0</b>	<b>352.7</b>	<b>275.4</b>	<b>55.9</b>	<b>60.0</b>

X Not applicable. <sup>1</sup> 1954-1960. <sup>2</sup> Beginning 1974, based on Bureau of the Census 1970 index of occupations; prior years based on 1950 and 1960 indexes. The occupations contained in the major groups are, therefore, not necessarily identical to the groupings of prior years. See Section 21-Science for data on scientists, engineers, and physicians.

<sup>3</sup> Except farm. <sup>4</sup> Sales workers included in "Clerical and kindred workers."

<sup>5</sup> Transport equipment operatives included in "Operatives, except transport."

<sup>6</sup> Includes dependent women and children, and other aliens without occupation or occupation not reported.

## NO. 133. IMMIGRANTS ADMITTED AS PERMANENT RESIDENTS UNDER REFUGEE ACTS, BY COUNTRY OF BIRTH: 1954 TO 1979

[For years ending June 30 except, beginning 1977, ending September 30. Covers immigrants who were allowed to enter U.S. under 1953 Refugee Relief Act and later acts; Hungarian parolees under July 1958 Act; refugee-escapee parolees under July 1960 Act; conditional entries by refugees under Oct. 1965 Act; Cuban parolees under Nov. 1966 Act; and beginning 1978, Indochina refugees under Act of Oct. 1977]

COUNTRY OF BIRTH	1954- 1979, total	1961- 1970, total	1971- 1977, total	1978	1979	COUNTRY OF BIRTH	1954- 1979, total	1961- 1970, total	1971- 1977, total	1978	1979
<b>Total</b> .....	<b>918,842</b>	<b>212,719</b>	<b>272,516</b>	<b>132,781</b>	<b>45,128</b>	<b>Asia<sup>1</sup></b> .....	<b>196,216</b>	<b>19,207</b>	<b>22,686</b>	<b>96,659</b>	<b>28,070</b>
<b>Europe<sup>1</sup></b> .....	<b>337,987</b>	<b>55,914</b>	<b>46,928</b>	<b>7,258</b>	<b>4,353</b>	China <sup>2</sup> .....	26,695	5,300	9,993	1,064	932
Austria.....	5,725	233	149	14	12	Indonesia.....	15,996	7,658	61	30	7
Bulgaria.....	3,607	1,799	938	97	107	Japan.....	4,371	554	12	9	6
Czechoslovakia.....	11,868	5,709	2,441	247	326	Kampuchea.....	4,973	-	-	3,607	1,366
Germany.....	22,108	665	110	14	7	Korea.....	4,486	1,315	10	39	5
Greece.....	19,358	586	296	28	40	Laos.....	7,734	-	-	4,259	3,475
Hungary.....	52,458	4,044	3,482	332	286	Vietnam.....	108,616	5	1,355	86,777	20,481
Italy.....	60,408	1,198	318	13	3	Other Asia.....	23,345	4,375	11,255	874	1,798
Netherlands.....	17,428	3,134	9	-	-	<b>North America</b> .....	<b>374,066</b>	<b>131,955</b>	<b>200,749</b>	<b>28,473</b>	<b>12,240</b>
Poland.....	20,993	3,197	3,419	608	878	Cuba.....	371,992	131,448	200,116	28,299	12,130
Portugal.....	5,010	1,361	13	4	-	Other N. America.....	2,074	507	633	174	110
Romania.....	17,967	7,158	3,955	1,070	699	<b>South America</b> .....	<b>983</b>	<b>121</b>	<b>599</b>	<b>150</b>	<b>50</b>
Soviet Union.....	28,334	865	15,314	4,342	1,791	<b>Africa</b> .....	<b>9,418</b>	<b>5,486</b>	<b>1,544</b>	<b>227</b>	<b>414</b>
Spain.....	9,482	4,105	4,733	318	116	<b>Other</b> .....	<b>172</b>	<b>36</b>	<b>10</b>	<b>14</b>	<b>1</b>
Yugoslavia.....	50,029	18,299	11,190	44	22						
Other Europe.....	13,218	3,561	561	127	66						

- Represents zero. <sup>1</sup> Through 1970, Turkey included in Europe; thereafter, included in Asia. <sup>2</sup> Includes Taiwan.

Source of tables 132 and 133: U.S. Immigration and Naturalization Service, *Annual Report*, and releases.

## Immigration and Naturalization

## No. 134. INDOCHINA REFUGEES, 1975 TO 1980, AND BY CHARACTERISTICS, 1980

[Number of refugees present as of Dec. 31, except as noted. Includes only refugees resettled in U.S. See text, status of Indochinese, p. 84]

YEAR	Number (1,000)	CHARACTERISTIC, 1980 REFUGEES	Number (1,000)	Percent
		<b>Total entrants .....</b>	<b>154.2</b>	<b>100.0</b>
1975, total refugees .....	<sup>1</sup> 123.3	Male .....	85.5	55.5
1976, total refugees .....	144.1	Female .....	68.6	44.5
1977, total refugees .....	148.4			
		Age: Under 6 years .....	22.0	14.3
1978, total refugees .....	177.1	6-17 years .....	48.0	31.1
1979, total refugees .....	289.2	18-24 years .....	31.2	20.2
1980, total refugees .....	<sup>2</sup> 444.6	25-44 years .....	39.3	25.5
		45-62 years .....	10.5	6.8
		63 years and over .....	3.2	2.1

<sup>1</sup> Covers period from April 18, 1975 to Dec. 10, 1975.

<sup>2</sup> As of Dec. 31, 1980, an additional 265,000 were resettled in other countries.

Source: 1975, U.S. Dept. of State, Interagency Task Force for Indochina, *Report to the Congress*; 1976-1978, U.S. Dept. of Health, Education, and Welfare, Task Force for Indochina, *Report to the Congress*; thereafter, U.S. Dept. of Health and Human Services, Office of Refugee Resettlement, *Report to the Congress*.

## No. 135. CUBAN REFUGEE PROGRAM: 1961 TO 1980

[Except as noted, refugees receiving welfare assistance as of June and other data for years ending June 30]

ITEM	1961- 1970, total	1971- 1975, total	1972	1973	1974	1975	1976	1977 <sup>1</sup>	1978 <sup>1</sup>	1979 <sup>1</sup>	1980, <sup>1</sup> est.
Cuban Refugee Center, Miami, Fla.:											
Registrations (1,000) .....	355.9	82.7	19.0	6.9	4.6	5.3	3.2	2.0	1.5	6.5	15.5
Resettlements to other areas (1,000) .....	229.1	48.5	12.5	2.7	.5	.4	.4	.3	.1	.5	2.1
Refugees receiving welfare assistance <sup>2</sup> (1,000) .....	(x)	(x)	90.7	86.8	34.0	29.1	28.8	22.2	21.4	18.9	17.3
In Florida (1,000) .....	(x)	(x)	35.6	39.6	14.9	12.9	12.5	11.2	10.6	8.9	8.6
In other States (1,000) .....	(x)	(x)	55.1	47.2	19.1	16.2	16.3	11.0	10.8	10.0	8.7
Total cost of program <sup>3</sup> (mil. dol.) .....	472.0	591.5	136.7	143.7	114.8	84.2	83.8	66.4	53.9	42.6	30.7

X Not applicable. <sup>1</sup> Refugees receiving welfare assistance as of Sept. and other data for year ending Sept. 30.

<sup>2</sup> Through State and local public welfare agencies with 100 percent Federal reimbursement from the Cuban Refugee Program. Beginning January 1974, most aged and disabled Cuban refugees were covered by Federal Supplemental Security Income program and were not considered welfare assistance cases. <sup>3</sup> Includes welfare assistance costs.

Source: U.S. Dept. of Health and Human Services, Office of Refugee Resettlement, unpublished data.

## No. 136. CUBAN ENTRANTS—SUMMARY: 1980

[In percent, except as indicated. Covers 124,789 Cubans entering the United States between April 21, 1980 and October 10, 1980, all of whom were classified as "entrants (status-pending)"]

ITEM	Arrivals	ITEM	Arrivals	ITEM	Resettle- ments <sup>3</sup>
<b>Total (number) .....</b>	<b>124,789</b>	<b>Education: <sup>1</sup></b>		<b>Total (number) .....</b>	<b><sup>4</sup> 122,018</b>
Sex:		None .....	14.8	By voluntary agencies .....	61,295
Male .....	69.5	1-8 years .....	33.1	Direct to relatives .....	60,088
Female .....	29.7	7-8 years .....	6.7		
Age:		9-12 years .....	26.4	Destination: <sup>5</sup>	
Under 18 years old .....	18.1	College .....	4.7	Florida .....	86,625
18-24 years .....	16.5	Unknown .....	12.5	New Jersey .....	7,811
25-29 years .....	16.0	Occupation: <sup>2</sup>		New York .....	6,272
30-34 years .....	13.6	Structural .....	30.6	California .....	5,548
35-44 years .....	17.6	Service .....	16.1	Texas .....	1,881
45-64 years .....	13.7	Professional/technical/ managerial .....	11.9	Illinois .....	1,879
65 and over .....	3.9	Machine .....	10.6	Pennsylvania .....	1,156
Unknown .....	.6	Clerical/sales .....	5.4	Other .....	10,846
		Benchmark .....	3.9		
		Agriculture/fishery .....	3.6		

<sup>1</sup> Based on 79,467 responses collected at the Fort McCoy and Fort Chaffee processing centers. <sup>2</sup> Based on 39,229 codable responses, classified according to the U.S. Department of Labor's *Dictionary of Occupational Titles*, 1977. <sup>3</sup> As of June 30, 1981. <sup>4</sup> Includes Fort Chaffee population and Federal Corrections Institute detainees. <sup>5</sup> Based on sponsor or location of relatives; does not reflect secondary migration.

Source: U.S. Department of Health and Human Services, Office of Refugee Resettlement, *Cuban Haitian Entrant Reports*.

**NO. 137. ENTRIES OF ALIENS AND CITIZENS OVER INTERNATIONAL LAND BOUNDARIES: 1950 TO 1979**

[In millions. For years ending June 30 except, beginning 1977, ending September 30. Each entry of same person counted separately. Partially estimated]

YEAR	ALL ENTRIES			VIA CANADIAN BORDER			VIA MEXICAN BORDER		
	Total	Aliens	Citizens	Total	Aliens	Citizens	Total	Aliens	Citizens
1950.....	87.5	41.3	46.2	38.8	16.6	22.1	48.7	24.7	24.1
1955.....	119.8	61.6	58.2	48.0	24.8	23.2	71.8	36.8	35.0
1960.....	154.0	89.0	65.0	55.5	29.8	25.7	98.5	59.2	39.3
1965.....	175.8	101.8	74.0	59.8	33.3	26.5	116.0	68.5	47.5
1970.....	216.0	126.5	89.6	71.6	39.8	31.8	144.4	86.7	57.7
1973.....	238.3	138.4	99.9	77.4	42.5	34.8	160.9	95.8	65.1
1974.....	245.3	143.7	101.6	75.7	42.1	33.7	169.6	101.7	67.9
1975.....	236.8	141.1	95.7	78.4	43.6	34.8	158.4	97.5	60.9
1976.....	249.8	152.2	97.6	81.7	46.5	35.2	168.1	105.7	62.4
1977.....	242.4	150.3	92.1	85.6	49.9	35.7	156.8	100.4	56.4
1978.....	251.2	155.0	96.3	87.6	51.7	35.9	163.6	103.2	60.4
1979.....	245.2	152.3	92.9	81.5	47.8	33.7	163.7	104.5	59.2

**NO. 138. FOREIGN LABORERS ADMITTED, BY COUNTRY OF LAST PERMANENT RESIDENCE: 1960 TO 1980**

[For years ending June 30 except, beginning 1977, ending September 30. Covers workers admitted after U.S. Dept. of Labor certification as to need for temporary agricultural workers. For data on temporary workers admitted under Immigration and Nationality Act, see table 143. Mexican agricultural laborers were employed under the provisions of Public Law 78 from 1949 until December 31, 1964. After that date, Mexican agricultural laborers, like workers from other countries, entered the United States under the Immigration and Nationality Act, which provides for the importation of foreign workers if like workers are not available in the United States]

COUNTRY	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980
<b>Total.....</b>	<b>1,447,207</b>	<b>155,761</b>	<b>47,483</b>	<b>33,908</b>	<b>25,434</b>	<b>22,124</b>	<b>21,671</b>	<b>18,679</b>	<b>18,213</b>	<b>10,746</b>
<b>Agricultural laborers:</b>										
Mexico.....	427,240	103,563	-	-	-	-	-	-	-	-
Canada.....	7,804	8,149	3,156	1,250	970	572	399	312	287	391
West Indies.....	10,874	15,397	15,895	11,625	11,245	11,568	11,661	10,955	12,246	5,202
Japan.....	969	31	-	-	-	-	-	-	-	-
Spain (Basque shepherders).....	213	453	463	322	211	185	206	274	258	149
<b>Others:</b>										
Canada woodsmen.....	(NA)	13,281	8,238	5,685	3,671	2,696	2,303	2,059	1,534	1,244
U.S. Virgin Island workers.....	(NA)	13,514	15,459	9,901	7,286	5,967	4,304	3,077	2,713	2,355
Workers admitted into Guam.....	-	1,373	4,272	5,125	2,051	1,136	2,798	2,002	1,175	1,405

- Represents zero. NA Not available. <sup>1</sup> Includes British Honduras, not shown separately.

<sup>2</sup> Includes 100,876 Mexican laborers admitted under Public Law 78 prior to Dec. 31, 1964.

**NO. 139. ALIENS ADMITTED AND EXPELLED: 1951 TO 1979**

[In thousands. For years ending June 30 except, beginning 1977, ending September 30. See also *Historical Statistics, Colonial Times to 1970*, series C 144, C 149, and C 158-160]

STATUS	1951-1960	1961-1970	1971-1979	1970	1975	1976	1977	1978	1979
<b>Aliens admitted.....</b>	<b>9,629</b>	<b>27,429</b>	<b>1,607,577</b>	<b>4,805</b>	<b>7,470</b>	<b>8,054</b>	<b>8,499</b>	<b>9,945</b>	(NA)
Immigrant.....	2,515	3,322	3,859	373	386	399	462	601	460
Nonimmigrant.....	7,113	24,107	1,572,555	4,432	7,084	7,655	8,037	9,344	(NA)
<b>Deportable aliens located.....</b>	<b>3,584</b>	<b>1,608</b>	<b>7,189</b>	<b>345</b>	<b>767</b>	<b>876</b>	<b>1,042</b>	<b>1,058</b>	<b>1,076</b>
Entry without inspection <sup>2</sup> .....	(NA)	780	6,315	244	668	773	939	971	1,003
From Mexico.....	(NA)	756	6,188	240	655	757	921	949	978
Other North American countries.....	(NA)	28	67	4	5	4	12	12	16
<b>Aliens departed.....</b>	<b>6,682</b>	<b>19,277</b>	<b>3,327,889</b>	<b>3,246</b>	<b>5,130</b>	<b>5,146</b>	<b>5,381</b>	(NA)	(NA)
<b>Aliens expelled.....</b>	<b>4,014</b>	<b>1,431</b>	<b>6,742</b>	<b>320</b>	<b>679</b>	<b>793</b>	<b>897</b>	<b>1,004</b>	<b>992</b>
Deported.....	130	96	215	17	23	28	30	28	26
Required to depart.....	3,884	1,334	5,527	303	656	765	867	976	966

NA Not available. <sup>1</sup> Covers 1971-1978 only. <sup>2</sup> Includes other countries not shown separately. <sup>3</sup> Covers 1971-1977 only.

Source of tables 137-139: U.S. Immigration and Naturalization Service, *Annual Report*.

## NO. 140. ALIEN DEPORTATION, BY SELECTED CAUSES: 1951 TO 1979

[For years ending June 30 except, beginning 1977, ending September 30]

CAUSE	1951-1960	1961-1970	1971-1979	1970	1975	1976	1977	1978	1979
<b>Total</b> .....	<b>129,887</b>	<b>96,374</b>	<b>205,494</b>	<b>16,893</b>	<b>23,438</b>	<b>27,998</b>	<b>30,228</b>	<b>28,371</b>	<b>25,888</b>
Entry without inspection or by false statements .....	54,457	43,561	149,158	8,035	16,528	21,777	25,012	24,165	22,525
Failure to maintain or comply with conditions of nonimmigrant status .....	26,260	31,334	30,959	4,436	3,649	3,782	3,150	2,543	1,901
Criminal .....	6,742	3,694	2,235	268	225	272	285	220	264
Violation of narcotic laws .....	947	1,462	3,328	202	583	464	372	314	265
Previously excluded or deported .....	4,002	3,601	3,757	393	526	481	315	236	202
Entry without proper documents .....	35,090	11,831	15,747	3,511	1,896	1,185	1,066	871	707
Other .....	3,389	891	310	48	30	37	28	22	24

## NO. 141. IMMIGRATION AND NATIONALITY VIOLATIONS—SUMMARY: 1960 TO 1980

[For years ending June 30 except, beginning 1977, ending September 30]

ITEM	1960	1965	1970	1975	1976	1977	1978	1979	1980
<b>Prosecutions disposed of</b> .....	<b>2,773</b>	<b>3,714</b>	<b>6,034</b>	<b>14,172</b>	<b>17,126</b>	<b>17,176</b>	<b>16,796</b>	<b>17,398</b>	<b>14,863</b>
Immigration violations .....	2,589	3,288	5,510	13,947	16,928	16,797	16,445	16,967	14,516
Nationality violations .....	184	426	524	225	198	379	351	431	347
<b>Convictions</b> .....	<b>2,557</b>	<b>3,442</b>	<b>5,497</b>	<b>12,811</b>	<b>15,772</b>	<b>15,308</b>	<b>15,348</b>	<b>15,463</b>	<b>12,935</b>
Immigration violations .....	2,400	3,037	4,991	12,676	15,653	15,223	15,140	15,163	12,684
Percent of prosecutions .....	92.7	92.4	90.6	90.9	92.5	90.6	92.1	89.4	87.4
Nationality violations .....	157	405	506	135	119	165	208	300	251
Percent of prosecutions .....	85.3	95.1	96.6	60.0	60.1	43.5	59.3	69.6	72.3
Aggregate fines (\$1,000) .....	39	126	250	755	1,060	879	786	607	822
Aggregate imprisonment (years) .....	1,994	3,422	4,042	5,313	6,367	6,478	7,597	7,868	6,362

Source of tables 140 and 141: U.S. Immigration and Naturalization Service, *Annual Report*.

## NO. 142. IMMIGRATION BORDER PATROL AND INVESTIGATION ACTIVITIES: 1965 TO 1980

[In thousands, except as indicated. For years ending June 30 except, beginning 1977, ending September 30].

ITEM	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980
<b>BORDER PATROL</b>										
Border patrol agents:										
Authorized (number) .....	1,505	1,724	1,703	1,739	1,803	2,058	2,057	2,189	2,110	2,339
On duty (number) .....	1,377	1,708	1,659	1,665	1,708	1,193	1,990	2,151	2,051	2,233
Border patrol obligations (\$1,000) .....	18,753	28,447	40,303	46,894	55,254	61,692	70,644	72,231	71,021	82,534
Persons apprehended <sup>1</sup> .....	53.3	233.9	503.9	640.9	602.2	701.6	820.4	870.6	896.9	766.6
Deportable aliens located .....	52.4	231.1	498.1	634.8	596.8	696.0	812.6	862.3	888.7	759.4
Mexican .....	44.2	219.3	480.6	616.6	579.4	678.4	792.6	841.5	866.8	734.2
Canadian .....	5.8	7.8	8.7	7.4	7.3	5.9	5.8	6.5	5.7	5.3
Other .....	2.5	4.1	8.9	10.8	10.1	11.7	14.2	14.3	16.2	19.9
Smugglers of aliens located .....	(NA)	3.3	6.4	8.1	6.9	9.6	12.4	13.3	15.3	13.1
Smuggled aliens apprehended .....	1.8	18.7	41.6	83.1	80.4	82.9	138.8	159.2	172.7	112.6
Aliens located:										
Previously expelled .....	14.0	67.4	152.4	182.4	184.6	186.9	241.1	266.8	259.1	211.0
Previous criminal record .....	4.0	3.8	11.2	10.9	10.3	13.1	12.3	11.9	12.4	11.3
Conveyances examined .....	1,172	1,792	2,666	2,905	3,470	3,277	3,277	3,658	4,030	3,849
Automobiles .....	752	1,311	2,020	2,230	2,663	2,440	2,647	2,543	2,791	2,590
Persons questioned <sup>2</sup> .....	5,285	6,805	9,507	10,202	11,265	10,783	11,606	11,343	11,900	10,844
In automobiles .....	1,877	3,416	5,135	5,591	6,888	6,145	6,844	6,643	6,841	6,328
Pedestrians .....	2,065	1,661	2,145	2,243	2,056	2,293	2,333	2,186	2,314	1,706
Value of seizures (\$1,000) .....	594	4,547	25,954	47,210	28,654	18,019	19,557	8,348	9,967	116,115
Narcotics (\$1,000) .....	394	3,865	23,464	45,056	26,302	16,035	17,071	6,251	8,448	110,272
<b>INVESTIGATION</b>										
Deportable aliens located .....	57.9	114.1	157.8	153.4	169.8	179.9	229.7	195.7	187.7	150.9
Mexican .....	11.2	58.1	96.2	93.3	100.9	103.1	162.2	135.1	132.1	83.3
Canadian .....	2.3	3.5	2.3	2.0	.9	1.7	1.8	1.8	1.7	1.5
Other .....	44.4	52.5	59.3	58.1	68.0	75.1	65.7	58.8	53.9	66.1

NA Not available.

<sup>1</sup> Covers deportable aliens located and U.S. citizens engaged in smuggling or other immigration violations.<sup>2</sup> Includes types not shown separately.Source: U.S. Immigration and Naturalization Service, *Annual Report*, and unpublished data.

## NO. 143. NONIMMIGRANTS ADMITTED, BY CLASSES: 1966 TO 1978

[In thousands. For years ending June 30 except, beginning 1977, ending September 30. For definition of nonimmigrants, see text, p. 83. Excludes border crossers, crewmen, and insular travelers. See also *Historical Statistics, Colonial Times to 1970*, series C 149-157]

CLASS OF ADMISSION	1966-1970, avg.	1971-1975, avg.	1976-1978, avg.	1970	1975	1976	1977	1978
<b>Nonimmigrants</b> .....	<b>3,245.5</b>	<b>5,909.0</b>	<b>8,345.0</b>	<b>4,431.9</b>	<b>7,083.9</b>	<b>7,654.5</b>	<b>8,036.9</b>	<b>9,343.7</b>
Temporary visitors, total.....	2,370.2	4,548.1	6,640.5	3,345.2	5,587.4	6,096.8	6,381.4	7,443.4
Percent of total.....	73.0	77.0	79.8	75.5	78.9	79.6	79.4	79.7
For pleasure.....	2,109.3	4,106.4	5,951.1	3,020.4	5,060.0	5,513.2	5,697.3	6,642.7
For business.....	260.8	441.7	689.5	324.8	527.4	583.6	684.1	800.7
Returning resident aliens <sup>1</sup> .....	366.0	695.6	931.9	493.5	800.0	844.3	897.7	1,053.6
Transit aliens.....	211.6	265.0	263.0	231.9	273.0	263.8	252.1	273.1
Foreign government officials <sup>2</sup> .....	44.6	62.0	77.3	50.5	68.4	77.0	71.2	83.8
Treaty traders and investors.....	13.2	32.7	43.9	19.2	35.0	37.4	44.0	50.4
Students <sup>2</sup> .....	83.2	109.4	170.2	107.3	118.0	133.0	171.0	206.7
Representatives to international organizations <sup>2</sup> .....	19.7	30.4	39.8	23.8	32.6	37.1	38.2	44.0
Temporary workers and industrial trainees.....	72.9	67.0	54.7	86.5	67.3	56.5	56.3	51.3
Workers of distinguished merit and ability.....	9.8	14.5	15.8	11.1	15.6	14.8	15.7	16.8
Other temporary workers.....	58.8	38.5	26.8	69.3	37.5	29.7	27.7	22.9
Industrial trainees.....	4.1	4.2	3.1	5.3	3.8	2.8	3.2	3.3
Their spouses and children.....	(x)	9.9	9.1	.8	10.6	9.2	9.7	8.3
Representatives of foreign information media.....	3.7	5.6	8.9	4.7	6.1	8.2	8.4	10.0
Exchange visitors <sup>2</sup> .....	53.0	66.1	69.8	66.6	63.4	62.8	71.5	75.1
NATO officials <sup>2</sup> .....	2.4	3.4	5.4	2.3	4.0	5.1	5.1	5.9
Fiances(ees) of U.S. citizens <sup>3</sup> .....	(x)	7.9	6.6	.1	6.4	6.2	7.2	6.4
Intracompany transferees <sup>2</sup> .....	(x)	15.9	33.0	.4	22.3	26.3	32.8	40.0

X Not applicable. <sup>1</sup> Returning resident aliens who have once been counted as immigrants are included with nonimmigrants.

<sup>2</sup> Includes spouses and children. <sup>3</sup> Includes children of fiances(ees) of U.S. citizens.

## NO. 144. NONIMMIGRANTS ADMITTED, BY COUNTRY OF BIRTH: 1966 TO 1978

[In thousands. For years ending June 30 except, beginning 1977, ending September 30. For definition of nonimmigrants, see text, p. 83. Excludes border crossers, crewmen, and insular travelers. Students and others entering with multiple entry documents are only counted on the first admission. Includes returning resident aliens admitted with documents in addition to the Alien Registration Receipt Card]

COUNTRY	1966-1970, avg.	1971-1975, avg.	1975	1977	1978	COUNTRY	1966-1970, avg.	1971-1975, avg.	1975	1977	1978
<b>Total</b> .....	<b>3,246</b>	<b>5,909</b>	<b>7,084</b>	<b>8,037</b>	<b>9,344</b>	<b>Europe<sup>1</sup></b> .....	<b>1,242</b>	<b>1,914</b>	<b>2,076</b>	<b>2,451</b>	<b>3,020</b>
<b>America<sup>1</sup></b> .....	<b>1,501</b>	<b>2,831</b>	<b>3,477</b>	<b>3,750</b>	<b>4,213</b>	Austria.....	21	29	32	38	46
Argentina.....	41	62	96	90	116	Belgium.....	21	34	37	48	62
Bahamas.....	62	83	71	87	108	Denmark.....	25	32	34	44	52
Brazil.....	36	71	93	68	86	France.....	127	191	191	246	283
Canada.....	133	193	223	275	262	Germany.....	209	345	385	450	550
Colombia.....	45	86	91	121	152	Greece.....	34	51	5260	65	
Dominican Republic.....	87	121	149	155	167	Ireland.....	30	51	48	53	66
Ecuador.....	21	32	38	59	78	Italy.....	129	173	171	183	220
Guatemala.....	25	31	33	50	58	Netherlands.....	61	88	98	126	159
Haiti.....	16	33	43	52	62	Norway.....	23	38	41	50	56
Jamaica.....	60	106	124	128	143	Poland.....	21	31	42	39	49
Mexico.....	633	1,537	1,997	1,990	2,150	Portugal.....	20	38	43	48	56
Panama.....	15	28	29	36	41	Spain.....	39	60	68	86	99
Peru.....	30	40	47	47	45	Sweden.....	36	57	65	86	103
Trinidad and Tobago.....	25	42	43	52	62	Switzerland.....	41	61	73	98	116
Venezuela.....	50	71	87	176	247	U.S.S.R. <sup>2</sup> .....	8	12	16	16	19
<b>Asia<sup>1</sup></b> .....	<b>292</b>	<b>930</b>	<b>1,260</b>	<b>1,461</b>	<b>1,692</b>	United Kingdom.....	329	533	582	665	878
China <sup>2</sup> .....	24	53	63	80	91	Yugoslavia.....	14	24	27	30	35
Hong Kong.....	8	20	28	30	37	<b>Africa</b> .....	<b>43</b>	<b>71</b>	<b>89</b>	<b>130</b>	<b>165</b>
India.....	24	56	69	80	101	<b>Australia and New Zealand</b> .....	<b>74</b>	<b>124</b>	<b>149</b>	<b>210</b>	<b>161</b>
Iran.....	9	24	35	98	131	<b>Other countries</b> .....	<b>95</b>	<b>41</b>	<b>33</b>	<b>35</b>	<b>93</b>
Israel.....	18	37	46	57	63						
Japan.....	114	565	810	807	892						
Korea.....	9	25	31	45	53						
Philippines.....	34	57	65	82	101						

<sup>1</sup> Includes countries not shown separately. <sup>2</sup> Includes Taiwan. <sup>3</sup> Europe and Asia.

Source of tables 143 and 144: U.S. Immigration and Naturalization Service, *Annual Report*.

## Immigration and Naturalization

## NO. 145. ALIENS REPORTING UNDER ALIEN ADDRESS PROGRAM: 1960 TO 1980

[In thousands, except percent. All aliens in the United States on January 1 are required to report their addresses to the Department of Justice in January except, for 1960, Mexican agricultural workers]

NATIONALITY	1960	1970	1979	1980		STATE OR AREA OF RESIDENCE	1960	1970	1979	1980	
				Num-ber	Per-cent					Num-ber	Per-cent
<b>Total.....</b>	<b>2,949</b>	<b>4,247</b>	<b>5,058</b>	<b>5,381</b>	<b>100.0</b>	<b>Total.....</b>	<b>2,949</b>	<b>4,247</b>	<b>5,058</b>	<b>5,381</b>	<b>100.0</b>
Canada.....	295	428	296	338	6.3	Arizona.....	35	49	67	72	1.3
China <sup>1</sup> .....	48	107	183	171	3.2	California.....	567	982	1,317	1,440	26.8
Colombia.....	12	59	81	89	1.7	Colorado.....	20	23	35	38	.7
Cuba.....	63	433	338	334	6.2	Connecticut.....	75	109	95	97	1.8
Dominican Republic.....	(NA)	72	120	135	2.5	Florida.....	84	290	376	413	7.7
Ecuador.....	6	31	52	56	1.0	Hawaii.....	51	53	70	73	1.4
France.....	35	47	49	37	.7	Illinois.....	199	264	290	307	5.7
Germany.....	263	229	167	162	3.0	Indiana.....	29	30	33	35	.7
Greece.....	49	73	64	57	1.1	Louisiana.....	13	23	35	37	.7
India.....	10	42	126	130	2.4	Maryland.....	28	48	57	67	1.3
Ireland.....	68	52	31	27	.5	Massachusetts.....	128	189	167	178	3.3
Italy.....	257	247	189	177	3.3	Michigan.....	142	146	136	142	2.6
Jamaica.....	(NA)	60	92	95	1.8	New Jersey.....	151	233	269	276	5.1
Japan.....	72	82	105	110	2.0	New York.....	554	821	763	801	14.9
Korea.....	10	31	170	182	3.4	Ohio.....	109	98	86	88	1.6
Mexico.....	510	734	1,041	1,059	19.7	Oregon.....	18	24	35	37	.7
Netherlands.....	40	48	36	36	.7	Pennsylvania.....	126	110	110	115	2.1
Philippines.....	61	125	238	247	4.6	Rhode Island.....	18	26	33	35	.7
Poland.....	167	124	86	87	1.6	Texas.....	238	258	425	468	8.7
Portugal.....	32	81	134	135	2.5	Virginia.....	19	31	55	60	1.1
United Kingdom.....	227	330	311	313	5.8	Washington.....	51	63	77	84	1.6
Vietnam.....	(NA)	4	134	199	3.7	Wisconsin.....	35	35	32	34	.6
Yugoslavia.....	51	43	32	34	.6	All other <sup>2</sup> .....	259	362	495	484	9.0
YU all other.....	673	765	983	1,171	21.7						

NA Not available. <sup>1</sup> Includes Taiwan. <sup>2</sup> Includes Puerto Rico and Virgin Islands.

Source: U.S. Immigration and Naturalization Service, *Annual Report*.

## NO. 146. ALIEN NATURALIZATION—DECLARATIONS, PETITIONS, AND CERTIFICATES: 1907 TO 1979

[In thousands. For years ending June 30 except, beginning 1977, ending Sept. 30. National data not compiled prior to 1907. Includes U.S. outlying areas. See also *Historical Statistics, Colonial Times to 1970*, series C 168 and C 180]

PERIOD OR YEAR	Declara- tions filed <sup>1</sup>	PETITIONS <sup>2</sup>		CERTIFICATES ISSUED				
		Filed	De- nied	Total	Status		Sex	
					Civilian	Military	Male	Female
<b>Total, 1907-1979.....</b>	<b>8,799.4</b>	<b>10,742.4</b>	<b>487.2</b>	<b><sup>3</sup> 10,136.5</b>	<b>9,526.3</b>	<b>610.2</b>	<b>4,698.8</b>	<b>3,844.8</b>
1907-1910.....	526.3	164.0	17.7	111.7	111.7	-	(NA)	(NA)
1911-1920.....	2,686.9	1,381.4	118.7	1,129.0	884.7	244.3	(NA)	(NA)
1921-1930.....	2,709.0	1,884.3	165.5	<sup>3</sup> 1,773.2	1,717.0	56.2	<sup>4</sup> 1,166.2	<sup>4</sup> 255.2
1931-1940.....	1,369.5	1,637.1	45.8	1,518.5	1,498.6	19.9	968.4	550.1
1941-1950.....	920.3	1,938.1	64.8	1,987.0	1,837.2	149.8	941.5	1,045.5
1951-1960.....	323.8	<sup>5</sup> 1,230.5	27.6	<sup>5</sup> 1,189.9	1,148.2	41.7	503.5	686.4
1961-1970.....	144.9	1,143.0	23.6	1,120.3	1,084.2	36.1	513.5	606.8
1971-1979.....	118.7	1,364.1	23.6	1,306.9	1,244.7	62.2	605.7	700.8
1950.....	93.5	66.0	2.3	66.4	64.3	2.1	25.7	40.6
1955.....	10.9	<sup>5</sup> 213.5	4.6	<sup>5</sup> 209.6	197.6	12.0	95.9	113.7
1960.....	16.3	127.5	2.3	119.4	117.8	1.6	50.9	68.5
1965.....	13.1	106.8	2.1	104.3	101.2	3.1	48.5	55.8
1970.....	18.8	114.8	2.0	110.4	99.8	10.6	52.7	57.7
1972.....	21.2	121.9	1.8	116.2	107.7	8.5	55.4	60.8
1973.....	17.4	126.9	1.7	120.7	112.9	7.8	56.9	63.8
1974.....	14.0	136.2	2.2	131.7	124.9	6.8	60.8	70.8
1975.....	12.2	149.4	2.3	141.5	135.3	6.2	66.6	75.0
1976.....	10.7	157.9	2.2	142.5	136.9	5.6	66.0	76.5
1977.....	7.5	186.4	2.8	159.9	154.7	5.3	73.4	86.5
1978.....	7.3	168.9	3.9	173.5	168.4	5.1	78.7	94.8
1979.....	6.0	165.4	4.0	164.2	158.3	5.9	74.7	89.4

- Represents zero. NA Not available. <sup>1</sup> Declaration of intention to become citizen.

<sup>2</sup> Petition for naturalization. <sup>3</sup> Includes certificates not distributed by sex.

<sup>4</sup> 1923-1930 only. <sup>5</sup> Includes aliens serving in U.S. Armed Forces who were naturalized abroad.

Source: U.S. Immigration and Naturalization Service, *Annual Report*.



## NO. 147. ALIENS NATURALIZED—CHARACTERISTICS: 1960 TO 1979

[For years ending June 30 except, beginning 1977, ending September 30. Includes U.S. outlying areas. For definition of median, see Guide to Tabular Presentation. See also *Historical Statistics, Colonial Times to 1970*, series C 162-167 and C 170-171]

CHARACTERISTIC	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979
<b>Total naturalized</b> .....	<b>119,442</b>	<b>104,299</b>	<b>110,399</b>	<b>120,740</b>	<b>131,655</b>	<b>141,537</b>	<b>142,504</b>	<b>159,887</b>	<b>173,535</b>	<b>164,150</b>
Under general naturalization provisions <sup>1</sup> .....	91,548	76,630	79,761	94,039	103,450	113,289	114,653	131,331	143,133	132,533
Under special provisions.....	27,894	27,669	30,638	26,701	28,205	28,248	27,851	28,556	30,402	31,617
Married to U.S. citizens.....	19,799	16,802	14,899	13,380	14,768	15,416	15,138	15,394	16,207	15,293
Children of U.S. citizens <sup>2</sup> .....	6,149	7,914	5,023	5,461	6,511	6,568	7,038	7,787	9,035	10,408
Filipinos <sup>3</sup> .....	88	3	-	-	1	-	-	-	-	1
Military.....	1,594	3,085	10,616	7,796	6,848	6,214	5,631	5,305	5,126	5,874
Other.....	264	65	100	64	77	50	44	70	34	41
<b>By sex and marital status:</b>										
<b>Males<sup>4</sup></b> .....	<b>50,896</b>	<b>48,495</b>	<b>52,666</b>	<b>56,901</b>	<b>60,823</b>	<b>66,587</b>	<b>66,007</b>	<b>73,377</b>	<b>78,746</b>	<b>74,706</b>
Single.....	14,341	15,358	14,196	15,423	16,946	17,789	16,973	18,709	20,186	20,445
Married.....	34,517	31,766	36,979	39,752	41,982	46,723	46,898	52,342	55,669	51,188
Widowed.....	1,183	593	397	405	423	401	370	381	406	427
Divorced.....	852	773	1,088	1,321	1,472	1,674	1,766	1,945	2,585	2,666
<b>Females<sup>4</sup></b> .....	<b>68,546</b>	<b>55,804</b>	<b>57,733</b>	<b>63,839</b>	<b>70,832</b>	<b>74,950</b>	<b>76,497</b>	<b>86,496</b>	<b>94,789</b>	<b>89,444</b>
Single.....	10,330	11,746	11,458	13,103	14,964	15,392	15,977	17,677	19,641	19,718
Married.....	52,252	40,483	42,128	46,271	50,880	54,487	55,308	62,887	68,591	62,957
Widowed.....	4,694	2,416	2,240	2,267	2,298	2,171	2,082	2,343	2,322	2,476
Divorced.....	1,262	1,156	1,001	2,198	2,690	2,900	3,130	3,589	4,235	4,293
Males per 1,000 females.....	743	869	912	891	859	888	863	848	831	835
Median age (years).....	38.0	34.1	35.1	35.4	35.1	34.9	35.2	35.4	35.3	34.7
Male (years).....	38.9	34.6	35.4	36.0	35.7	35.7	36.0	36.0	35.9	35.1
Female (years).....	37.3	33.7	34.8	34.8	34.6	34.3	34.5	34.8	34.8	34.5

- Represents zero. <sup>1</sup> See text, p. 84. <sup>2</sup> Includes adopted children.

<sup>3</sup> With U.S. residence beginning prior to May 1, 1934. <sup>4</sup> Through 1970 includes status unknown, not shown separately.

## NO. 148. ALIENS NATURALIZED, BY COUNTRY OF FORMER ALLEGIANCE, AND BY STATE OF RESIDENCE: 1970 TO 1979

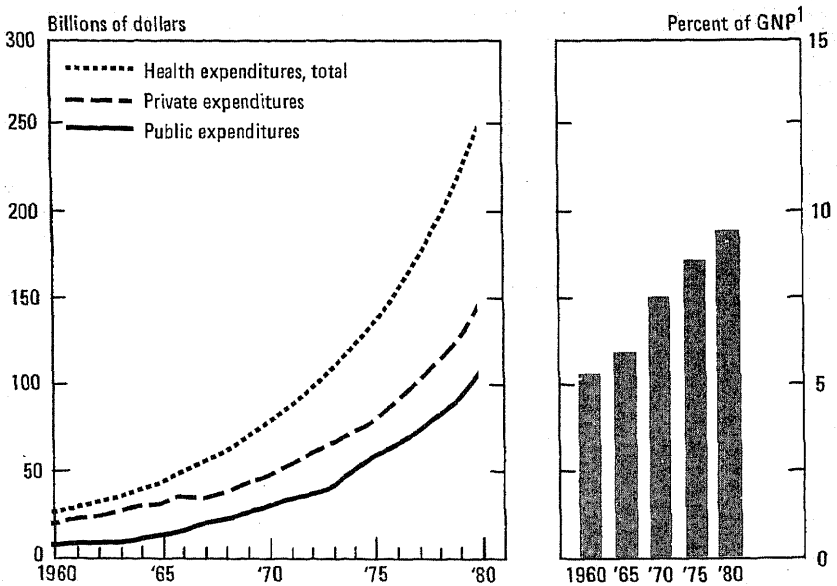
[For years ending June 30 except, beginning 1978, ending September 30. Includes U.S. outlying areas. See also *Historical Statistics, Colonial Times to 1970*, series C 169-179]

COUNTRY OF FORMER ALLEGIANCE	1970	1975	1979		STATE OR AREA OF RESIDENCE	1970	1975	1979	
			Num-ber	Per-cent				Num-ber	Per-cent
<b>Total</b> .....	<b>110,399</b>	<b>141,537</b>	<b>164,150</b>	<b>100.0</b>	<b>Total</b> .....	<b>110,399</b>	<b>141,537</b>	<b>164,150</b>	<b>100.0</b>
Canada.....	6,340	3,548	3,085	1.9	Arizona.....	1,007	1,088	1,448	.9
Central America <sup>1</sup> .....	2,480	2,773	3,892	2.4	California.....	20,054	26,834	30,212	18.4
China <sup>2</sup> .....	3,099	9,683	11,446	7.0	Colorado.....	716	878	1,222	.7
Colombia.....	970	1,699	2,923	1.8	Connecticut.....	2,444	3,509	3,392	2.1
Czechoslovakia.....	506	1,738	1,039	.6	Florida.....	11,556	10,576	11,757	7.2
Egypt.....	377	1,988	1,373	.8	Georgia.....	873	853	987	.6
Germany.....	10,067	5,187	3,437	2.1	Hawaii.....	2,658	3,094	4,384	2.7
Greece.....	2,906	6,647	4,866	3.0	Illinois.....	6,823	9,707	6,927	4.2
India.....	325	2,720	6,001	3.7	Indiana.....	749	1,113	1,144	.7
Italy.....	7,892	8,798	7,296	4.4	Maryland.....	1,855	2,227	3,120	1.9
Israel.....	1,516	1,844	1,280	.8	Massachusetts.....	3,813	5,448	8,251	5.0
Korea.....	1,687	6,007	13,406	8.2	Michigan.....	2,865	3,674	4,534	2.8
Mexico.....	6,195	5,781	8,046	4.9	Minnesota.....	515	1,011	1,448	.9
Philippines.....	5,469	15,330	17,749	10.8	Missouri.....	744	983	1,171	.7
Poland.....	3,426	3,069	2,385	1.5	New Jersey.....	6,633	8,207	13,860	8.4
Portugal.....	1,374	3,728	4,073	2.5	New York.....	21,684	31,700	37,225	22.7
United Kingdom <sup>3</sup> .....	7,549	8,532	8,065	4.9	Ohio.....	2,589	3,741	3,328	2.0
Vietnam.....	282	1,369	1,839	1.1	Oregon.....	481	734	907	.6
West Indies <sup>1</sup> .....	22,675	22,692	29,138	17.8	Pennsylvania.....	3,169	3,499	4,240	2.6
Cuba.....	20,888	15,546	13,317	8.1	Texas.....	4,858	4,569	5,843	3.6
Dominican Rep.....	538	1,518	3,350	2.0	Virginia.....	1,509	2,207	2,171	1.3
Haiti.....	433	1,966	2,567	1.6	Washington.....	1,352	2,124	2,288	1.4
Jamaica.....	479	2,152	7,632	4.7	Wisconsin.....	913	992	1,068	.7
Other West Indies.....	337	1,510	2,272	1.4	Guam.....	556	1,130	1,089	.7
Yugoslavia.....	1,725	3,273	2,438	1.5	Puerto Rico.....	1,535	1,625	1,161	.7
Other.....	23,539	25,131	30,373	18.3	Other.....	8,448	10,014	10,973	6.5

<sup>1</sup> Independent countries. <sup>2</sup> Includes Taiwan. <sup>3</sup> Includes colonies and dependencies.

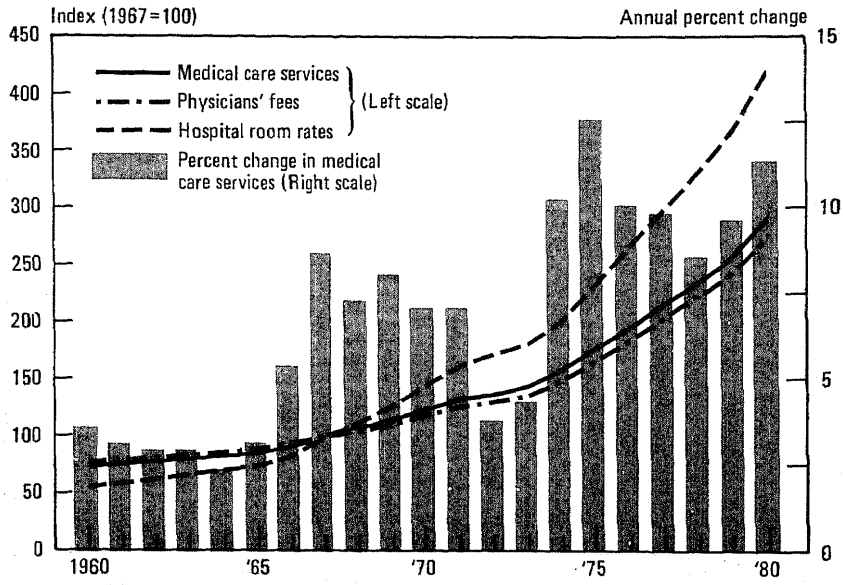
Source of tables 147 and 148: U.S. Immigration and Naturalization Service, *Annual Report*, and releases.

Figure 4.1  
**National Health Expenditures: 1960 to 1980**



<sup>1</sup>Gross national product.  
Source: Chart prepared by U.S. Bureau of the Census. For data, see table 149.

Figure 4.2  
**Indexes of Medical Care Prices: 1960 to 1980**



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 157.



## Section 4

# Health and Nutrition

This section presents statistics on health expenditures and insurance coverage; medical personnel; hospitals; nursing homes and other care facilities; incidence of acute and chronic conditions; nutritional intake of the population; per capita food consumption; and Federal food programs. Summary statistics showing recent trends on health care and discussions of selected health issues are published annually by the U.S. National Center for Health Statistics (NCHS) in *Health, United States*. Data on national health expenditures, medical costs, and insurance coverage are collected by the U.S. Health Care Financing Administration (HCFA), and appear in the *Health Care Financing Review*, issued quarterly. Statistics on health personnel and inpatient and outpatient facilities are published biennially by NCHS in *Health Resources Statistics*. Additional data on health personnel are collected by NCHS and are published in series 14 of *Vital and Health Statistics*. Statistics on hospitals are published annually by the American Hospital Association in *Hospital Statistics*. Primary sources for data on nutrition and Federal food programs are the quarterly *National Food Review* and the annual *Agricultural Statistics*, both issued by the U.S. Department of Agriculture. In addition, NCHS conducts periodic surveys of nutrient levels in the population and clinical signs of malnutrition.

**National health expenditures.**—Estimates of national health care expenditures are compiled by type of expenditure and source of funds by the HCFA. These estimates are drawn from a number of sources such as the American Hospital Association and the following Federal agencies: the Veterans Administration; the Department of Defense; the Internal Revenue Service; the Department of Commerce national income accounts in the *Survey of Current Business*; the National Center for Health Statistics; the Social Security Administration; the Bureau of the Census in *Government Finances*; the Occupational Safety and Health Administration; the National Aeronautics and Space Administration; and the National Institutes of Health. For details, see the section on "Definitions, Concepts, and Sources of Data" in the annual report on national health expenditures published in the *Health Care Financing Review*.

The general method for arriving at national private health expenditures is to estimate the *total* national outlays (public and private) for each type of medical service or expenditure. From these outlays are then deducted the amounts paid to public and private hospitals, physicians in private practice, etc., under the various Federal, State, and local programs identified as components of total welfare expenditures.

Since 1974, data on public (Federal, State, and local governmental) expenditures have been organized and reported under 10 broad categories of health programs: Health insurance for the aged and disabled (Medicare); temporary disability insurance (medical benefits); workers' compensation (medical benefits); public assistance, including Medicaid (vendor medical payments); general hospital and medical care; Defense Department hospital and medical care (including military dependents); maternal and child health services; other public health activities; veterans' hospital and medical care; and medical vocational rehabilitation. For several Federal health programs, the data are taken from the Office of Management and Budget (OMB) special analysis of health programs. For the remainder, the data are supplied by various Federal, State, and local agencies.

**Health resources.**—Hospital statistics based on data from the American Hospital Association's yearly survey are published annually in *Hospital Statistics*, and cover all hospitals accepted for registration by the Association. To be accepted for registration, a hospital must meet certain requirements relating to number of beds, construction, equipment, medical and nursing staff, patient care, clinical records, surgical and obstetrical facilities, diagnostic and treatment facilities, laboratory services, etc. Data obtained from NCHS cover all U.S. hospitals which meet certain criteria for inclusion. They are published in *Health Resources Statistics*, DHEW Publication No. (PHS) 1509, and in *Vital and Health Statistics* reports, series 14. In these reports, a hospital is defined as a facility with at least six inpatient beds that is licensed as a hospital by a State, or is operated as a hospital by a Federal or State agency.

These last two reports also present statistics on the number, geographic distribution, and characteristics of health resources including physicians, dentists, nurses, other health occupations, hospitals, nursing homes, other inpatient facilities, and outpatient facilities. Statistics on the demographic characteristics of persons employed in the health occupations are based on data compiled by the U.S. Bureau of Labor Statistics and reported in *Employment and Earnings* (monthly). Data based on sample surveys of health personnel and utilization of health facilities providing long-term care, ambulatory care, hospital care, and family planning services are presented in NCHS series 13 and series 14, *Health Resources Utilization Data* and *Manpower and Facilities*. Statistics on patient visits to health care providers, as reported in health interviews, appear in NCHS series 10, *Health Interview Survey*.

The Health Care Financing Administration's *Health Care Financing Program Statistics and Notes* series present data for hospitals and nursing homes as well as extended care facilities and home health agencies. These data are based on records of the Federal Health Insurance for the Aged and Disabled program (Medicare) and differ from those of other sources because they are limited to facilities meeting Federal eligibility standards for participation in Medicare.

Data on patients in hospitals for the mentally ill and on mental health facilities are collected by the National Institute of Mental Health (NIMH) and appear in the *Mental Health Statistics* reports, series A and B, and the Mental Health Statistical Note series.

Institutional population data based on the 1960 and 1970 censuses of the population include information on persons in hospitals, in homes for the aged and dependent, and in other group quarters (see tables 77 and 78). Data concerning inpatient health facilities for the mentally handicapped, orphans, emotionally disturbed and other individuals needing specialized care are published by NCHS in *Health Resources Statistics*.

**Disability and illness.**—General health statistics, including morbidity, disability, injuries, preventive care, and findings from physiological and psychological testing, are collected by NCHS in its National Health Interview Survey and its National Health and Nutrition Examination Surveys and appear in *Vital and Health Statistics*, series 10 and 11, respectively. Morbidity data for members of the Armed Services are prepared and published by the Departments of the Army, Navy, and Air Force. The Department of Labor compiles statistics on industrial injuries (see section 13). Annual incidence data on notifiable diseases are compiled by the Public Health Service (PHS) at its Centers for Disease Control in Atlanta, Georgia, and are published as a supplement to its *Morbidity and Mortality Weekly Report*. The list of diseases is revised annually and includes those which, by mutual agreement of the States and PHS, are communicable diseases of national importance.

**Nutrition.**—Statistics on annual per capita consumption of food and its nutrient value are estimated by the U.S. Department of Agriculture and published quarterly (nutrient value, annually) in *National Food Review*. Historical data can be found in *Food Consumption, Prices, and Expenditures*, issued annually. Data on the Federally Funded Food Distribution Program for Needy Families and Children, the National School Lunch Program, the Special Milk Program, and the Food Stamp Program are published annually in *Agricultural Statistics*.

**Statistical reliability.**—For discussion of statistical collection, estimation, and sampling procedures and measures of statistical reliability applicable to data from NCHS and the Health Care Financing Administration, see Appendix III.

**Historical statistics.**—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1970*. See Appendix I.

## No. 149. NATIONAL HEALTH EXPENDITURES: 1950 TO 1980

YEAR	TOTAL <sup>1</sup>		HEALTH SERVICES AND SUPPLIES							
	Total (bil. dol.)	Per- cent of GNP <sup>2</sup>	Total <sup>3</sup> (bil. dol.)	Private			Public			
				Direct payments		Insur- ance premi- ums <sup>4</sup> (bil. dol.)	Total <sup>5</sup>		Medical payments	
				Total (bil. dol.)	Per- cent of total pri- vate		Total (bil. dol.)	Per- cent of total health exp.	Medi- care (bil. dol.)	Public assistan- ce (bil. dol.)
1950.....	12.7	4.4	8.9	7.1	80.3	1.3	2.8	22.0	(x)	.1
1955.....	17.7	4.4	12.9	9.1	70.9	3.2	4.0	22.6	(x)	.2
1960.....	26.9	5.3	19.6	13.0	66.3	5.8	5.6	20.8	(x)	.5
1965.....	41.7	6.0	29.5	18.5	62.8	10.0	8.8	21.0	(x)	2.1
1970.....	74.7	7.5	44.3	26.0	58.7	17.1	25.0	33.4	7.5	6.3
1971.....	83.3	7.7	48.7	27.8	57.1	19.5	28.4	34.1	8.3	8.1
1972.....	93.5	7.9	54.8	31.0	56.5	22.4	32.1	34.3	9.1	9.1
1973.....	103.2	7.8	60.6	34.2	56.5	24.8	35.7	34.6	10.1	10.3
1974.....	116.4	8.1	66.0	36.4	55.2	27.8	43.0	36.9	13.1	12.1
1975.....	132.7	8.6	73.2	39.0	53.2	32.4	51.1	38.5	16.3	15.1
1976.....	149.7	8.7	83.2	43.0	51.7	38.2	57.4	38.4	19.3	16.9
1977.....	169.2	8.8	95.7	48.7	50.9	44.6	64.4	38.1	22.5	18.9
1978.....	189.3	8.8	106.4	54.2	50.9	49.7	73.1	38.6	25.9	21.1
1979.....	214.6	8.9	120.8	62.0	51.4	55.9	83.6	38.9	30.3	24.2
1980.....	247.2	9.4	138.7	70.6	50.9	64.9	96.9	39.2	36.7	28.2

X Not applicable. <sup>1</sup> Includes medical research and medical facilities construction. <sup>2</sup> GNP=Gross national product; see Section 14. <sup>3</sup> Includes other sources of funds not shown separately. <sup>4</sup> See footnote 3, table 150. <sup>5</sup> Includes other programs, not shown separately.

## No. 150. NATIONAL HEALTH EXPENDITURES, BY TYPE: 1965 TO 1980

[In millions of dollars, except percent. See also *Historical Statistics, Colonial Times to 1970*, series B 248-261]

TYPE OF EXPENDITURE	1965	1970	1974	1975	1976	1977	1978	1979	1980
<b>Total</b> .....	<b>41,749</b>	<b>74,663</b>	<b>116,379</b>	<b>132,720</b>	<b>149,655</b>	<b>169,248</b>	<b>189,325</b>	<b>214,612</b>	<b>247,206</b>
Average annual percent change <sup>1</sup> .....	9.2	12.3	11.7	14.0	12.8	13.1	11.9	13.4	15.2
<b>Private expenditures</b> .....	<b>30,950</b>	<b>46,871</b>	<b>69,263</b>	<b>76,540</b>	<b>86,718</b>	<b>99,140</b>	<b>109,959</b>	<b>124,521</b>	<b>142,958</b>
Health services and supplies.....	29,482	44,311	65,958	73,205	83,205	95,674	106,392	120,751	138,682
Direct payments.....	18,522	26,024	36,419	38,979	43,007	48,707	54,198	62,022	70,572
Insurance premiums <sup>2</sup> .....	9,993	17,075	27,777	32,437	38,172	44,619	49,692	55,859	64,885
Other.....	966	1,213	1,762	1,788	2,026	2,348	2,501	2,869	3,226
Medical research.....	176	215	252	264	267	273	282	302	322
Medical facilities construction.....	1,292	2,345	3,053	3,072	3,246	3,193	3,285	3,468	3,954
<b>Public expenditures</b> .....	<b>10,799</b>	<b>27,792</b>	<b>47,116</b>	<b>56,180</b>	<b>62,937</b>	<b>70,109</b>	<b>79,366</b>	<b>90,091</b>	<b>104,247</b>
Percent Federal of public.....	51.3	63.6	64.6	68.0	67.6	67.6	67.6	67.5	68.0
Health services and supplies.....	8,754	24,952	42,953	51,115	57,421	64,404	73,147	83,591	96,949
OASDHI (Medicare) <sup>3</sup> .....	(X)	7,500	13,099	16,317	19,303	22,524	25,932	30,345	36,748
Temporary disability insurance <sup>4</sup> .....	52	66	71	73	71	74	80	58	53
Workers' compensation (med.) <sup>5</sup> .....	798	1,408	2,175	2,430	2,756	3,129	3,476	4,089	4,594
Public assistance med. payments <sup>6</sup> .....	2,112	6,321	12,079	15,098	16,852	18,858	21,113	24,237	28,240
General hospital, medical care <sup>7</sup> .....	2,663	3,956	5,648	5,411	5,064	5,382	5,791	6,175	6,559
Defense Dept. hospital, medical.....	853	1,782	2,893	2,830	2,964	3,062	3,441	3,801	4,226
Maternal, child health programs.....	255	429	547	589	641	683	726	763	763
Public health activities.....	814	1,420	2,731	3,157	3,813	4,320	5,327	6,354	7,309
Veterans' hospital, medical care.....	1,145	1,764	3,000	3,495	4,152	4,400	4,984	5,329	5,832
Medical vocational rehabilitation.....	40	149	203	224	222	250	259	279	277
Other.....	23	158	507	1,490	1,581	1,723	2,017	2,160	2,337
Medical research.....	1,340	1,754	2,538	3,071	3,434	3,646	4,162	4,524	5,123
Medical facilities construction.....	705	1,086	1,625	1,994	2,083	2,059	2,057	1,976	2,176

X Not applicable. <sup>1</sup> Change from prior year shown, except as noted. For explanation of average annual percent change, see Guide to Tabular Presentation. <sup>2</sup> Change from 1960. <sup>3</sup> Covers insurance benefits and amount retained by insurance companies for expenses, additions to reserves, and profits (net cost of insurance). <sup>4</sup> Federal hospital and medical insurance under old-age, survivors, disability, and health insurance programs; see text, p. 315. <sup>5</sup> Includes medical benefits paid under public law by private insurance carriers and self-insurers. <sup>6</sup> Payments made directly to suppliers of medical care. Primarily Medicaid. <sup>7</sup> Primarily covers State and local psychiatric hospitals and school health.

Source of tables 149 and 150; U.S. Health Care Financing Administration, *Health Care Financing Review*, Fall 1981 and earlier issues; and unpublished data.

## NO. 151. NATIONAL HEALTH EXPENDITURES, BY OBJECT: 1960 TO 1980

[See also *Historical Statistics, Colonial Times to 1970*, series B 221-235]

OBJECT OF EXPENDITURE	EXPENDITURE (bil. dol.)								PERCENT			
	1960	1965	1970	1975	1977	1978	1979	1980	1960	1970	1975	1980
<b>Total</b> .....	<b>26.9</b>	<b>41.7</b>	<b>74.7</b>	<b>132.7</b>	<b>169.2</b>	<b>189.3</b>	<b>214.6</b>	<b>247.2</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
<b>Spent by:</b>												
Consumers.....	18.8	28.5	43.1	71.4	93.3	103.9	117.9	135.5	69.9	57.7	53.8	54.8
Government.....	6.6	10.8	27.8	56.2	70.1	79.4	90.1	104.2	24.5	37.2	42.3	42.2
Philanthropy and industry.....	1.4	2.4	3.8	5.1	5.8	6.1	6.6	7.5	5.2	5.1	3.9	3.0
<b>Spent for:</b>												
Health services and supplies.....	25.2	38.2	69.3	124.3	160.1	179.5	204.3	235.6	93.7	92.8	93.7	95.3
Personal health care expenses.....	23.7	35.8	65.1	116.8	148.7	166.7	189.1	217.9	88.1	87.3	88.0	88.2
Hospital care.....	9.1	13.9	27.8	52.1	67.8	75.7	85.7	99.6	33.6	37.2	39.3	40.3
Physicians' services.....	5.7	8.5	14.3	24.9	31.9	35.8	40.7	46.6	21.2	19.2	18.8	18.9
Dentists' services.....	2.0	2.8	4.7	8.2	10.5	11.8	13.5	15.9	7.4	6.4	6.2	6.4
Other professional services <sup>1</sup> .....	.9	1.0	1.6	2.6	3.6	4.1	4.7	5.4	3.3	2.1	2.0	2.2
Drugs and sundries.....	3.7	5.2	8.0	11.9	14.1	15.4	17.2	19.2	13.8	10.7	9.0	7.8
Eyeglasses and appliances <sup>2</sup> .....	.8	1.2	1.9	3.2	3.7	4.1	4.6	5.1	3.0	2.6	2.4	2.1
Nursing home care.....	.5	2.1	4.7	10.1	13.2	15.2	17.8	20.7	1.9	6.3	7.6	8.4
Other health services.....	1.1	1.1	2.1	3.7	4.1	4.5	5.0	5.4	4.1	2.8	2.8	2.2
Expense for prepayment and administration <sup>3</sup> .....	1.1	1.7	2.7	4.4	7.1	7.5	8.9	10.4	4.1	3.6	3.3	4.2
Government public health activities.....	.4	.8	1.4	3.2	4.3	5.3	6.4	7.3	1.5	1.9	2.4	3.0
Research.....	.6	1.5	2.0	3.3	3.9	4.4	4.8	5.4	2.2	2.6	2.5	2.2
Construction.....	1.0	2.0	3.4	5.1	5.3	5.3	5.4	6.1	3.7	4.6	3.8	2.5

<sup>1</sup> Includes services of registered and practical nurses in private duty, visiting nurses, podiatrists, physical therapists, clinical psychologists, chiropractors, naturopaths, and Christian Science practitioners. <sup>2</sup> Includes fees of optometrists and expenditures for hearing aids, orthopedic appliances, artificial limbs, crutches, wheelchairs, etc. <sup>3</sup> Net cost of insurance and administrative expenses of federally financed health programs.

Source: U.S. Health Care Financing Administration, *Health Care Financing Review*, Fall 1981, and unpublished data.

## NO. 152. HEALTH SERVICES AND SUPPLIES—PER CAPITA NATIONAL AND PRIVATE CONSUMER EXPENDITURES, BY OBJECT: 1960 TO 1980

[In dollars, except percent. Based on Bureau of the Census data for total U.S. population as of January 1 for 1960, as of July 1 beginning 1965; including Armed Forces and Federal employees abroad and civilian population of outlying areas. Excludes research and construction. See also *Historical Statistics, Colonial Times to 1970*, series B 222-232]

OBJECT OF EXPENDITURE	1960	1965	1970	1975	1976	1977	1978	1979	1980
<b>Total, national</b> .....	<b>137</b>	<b>193</b>	<b>332</b>	<b>565</b>	<b>633</b>	<b>714</b>	<b>792</b>	<b>892</b>	<b>1,017</b>
Average annual percent change <sup>1</sup> .....	6.4	7.1	11.1	11.0	11.7	12.0	10.7	12.1	13.9
Hospital care.....	49	70	133	237	270	302	334	374	430
Physicians' services.....	31	43	69	113	124	142	158	178	201
Dentists' services.....	11	14	23	37	43	47	52	59	68
Other professional services <sup>2</sup> .....	5	5	8	12	14	16	18	20	23
Drugs and drug sundries.....	20	26	38	54	59	63	68	75	83
Eyeglasses and appliances <sup>2</sup> .....	4	6	9	14	15	16	18	20	22
Nursing home care.....	3	10	23	46	51	59	67	78	89
Other health services.....	6	6	10	17	17	18	20	22	23
Expenses for prepayment and administration <sup>2</sup> .....	6	8	13	20	23	31	33	39	45
Government public health activities.....	2	4	7	14	17	19	24	28	32
<b>Total, private consumer</b> .....	<b>102</b>	<b>144</b>	<b>207</b>	<b>325</b>	<b>366</b>	<b>416</b>	<b>459</b>	<b>515</b>	<b>585</b>
Hospital care.....	28	41	61	103	120	134	149	166	190
Physicians' services.....	29	40	54	84	92	106	117	131	148
Dentists' services.....	11	14	22	35	40	45	50	57	66
Other professional services <sup>2</sup> .....	4	5	6	9	11	12	14	15	17
Drugs and drug sundries.....	20	25	36	50	54	57	62	69	76
Eyeglasses and appliances <sup>2</sup> .....	4	6	9	13	14	15	17	18	20
Nursing home care.....	2	7	11	20	23	26	30	34	38
Expenses for prepayment <sup>3</sup> .....	5	6	7	11	12	21	21	25	29

<sup>1</sup> Change from prior year shown; for 1960 from 1955. For explanation of average annual percent change, see Guide to Tabular Presentation. <sup>2</sup> See footnotes for corresponding objects in table 151. <sup>3</sup> Net cost of insurance.

Source: U.S. Health Care Financing Administration, *Health Care Financing Review*, Fall 1981, and unpublished data.

## NO. 153. GOVERNMENT EXPENDITURES FOR HEALTH SERVICES AND SUPPLIES: 1975 AND 1980

[In millions of dollars, except percent. Excludes medical research and construction]

YEAR AND TYPE OF SERVICE	Total <sup>1</sup>	Percent distribution	FEDERAL		State and local	Medicare <sup>2</sup> (OASDHI)	Public assistance <sup>3</sup>	OTHER HEALTH SERVICES		
			Total	Percent of total				Vet-erans	De-fense Dept. <sup>4</sup>	Work-ers' com-pen-sation <sup>5</sup>
<b>1975, total <sup>1</sup></b>	<b>51,115</b>	<b>100.0</b>	<b>33,813</b>	<b>66.2</b>	<b>17,301</b>	<b>16,317</b>	<b>15,098</b>	<b>3,495</b>	<b>2,830</b>	<b>2,430</b>
Hospital care .....	28,830	56.4	20,270	70.3	8,560	11,619	5,065	2,894	2,199	1,014
Physicians' services .....	6,529	12.8	4,645	71.1	1,884	3,319	2,010	38	76	681
Nursing home care .....	5,681	11.1	3,185	56.1	2,496	290	5,216	174	-	-
Drugs and sundries .....	1,027	2.0	527	51.3	500	-	954	9	8	41
Administration .....	1,831	3.6	1,163	63.5	1,163	728	618	37	23	391
Public health activities .....	3,157	6.2	1,221	38.7	1,936	-	-	-	-	-
<b>1980, total <sup>1</sup></b>	<b>96,949</b>	<b>100.0</b>	<b>65,659</b>	<b>67.7</b>	<b>31,289</b>	<b>36,748</b>	<b>28,240</b>	<b>5,832</b>	<b>4,226</b>	<b>4,594</b>
Hospital care .....	54,237	55.9	41,312	76.2	12,925	26,281	10,112	4,836	3,348	1,975
Physicians' services .....	12,285	12.7	9,417	76.7	2,868	7,748	2,449	57	118	1,639
Nursing home care .....	11,758	12.1	6,417	54.6	5,342	392	11,008	359	-	-
Drugs and sundries .....	1,558	1.6	779	50.0	779	-	1,436	13	13	77
Administration .....	3,233	3.3	1,953	60.4	1,953	1,124	1,270	49	30	706
Public health activities .....	7,309	7.5	1,175	16.1	6,135	-	-	-	-	-

- Represents zero. <sup>1</sup> Includes other items not shown separately. <sup>2</sup> Covers hospital and medical insurance payments and administrative costs under old-age, survivors, disability and health insurance program. <sup>3</sup> Covers Medicaid and other medical public assistance. Includes funds paid into Medicare trust fund by States to cover premiums for public assistance recipients and medically indigent persons. <sup>4</sup> Includes care for retirees and military dependents. <sup>5</sup> Medical benefits.

## NO. 154. PERSONAL HEALTH CARE—THIRD PARTY PAYMENTS AND PRIVATE CONSUMER EXPENDITURES: 1960 TO 1980

[In millions of dollars, except percent]

ITEM	1960	1965	1970	1975	1976	1977	1978	1979	1980
Personal health care expenditures <sup>1</sup>	23,680	35,762	65,148	116,756	131,791	148,697	166,668	189,132	217,929
Third party payments, total	10,690	17,240	39,125	77,777	88,783	99,990	112,470	127,110	147,351
Percent of total health care .....	45.1	48.2	60.1	66.6	67.4	67.2	67.5	67.2	67.6
Private insurance payments .....	4,996	8,738	15,619	30,072	35,471	40,013	45,044	50,176	58,080
Government expenditures .....	5,157	7,714	22,472	46,126	51,518	57,895	65,189	74,382	86,406
Philanthropy and industry .....	537	788	1,034	1,578	1,795	2,081	2,236	2,552	2,864
Private consumer expenditures <sup>2</sup>	17,986	27,260	41,642	69,051	78,478	88,721	99,242	112,196	128,652
Percent met by private insurance .....	27.8	32.1	37.5	43.6	45.2	45.1	45.4	44.7	45.1
Hospital care .....	5,108	8,176	12,700	22,696	26,533	30,138	33,732	38,077	44,104
Percent met by private insurance .....	64.7	70.9	78.2	81.3	81.3	79.2	80.4	79.1	79.4
Physicians' services .....	5,309	7,882	11,330	18,389	20,448	23,796	26,576	30,001	34,298
Percent met by private insurance .....	30.0	34.0	42.9	50.9	52.7	52.3	50.7	48.9	49.3

<sup>1</sup> See headnote, table 155. <sup>2</sup> Includes expenditures not shown separately. Excludes expenses for prepayment.

## NO. 155. PERSONAL HEALTH CARE EXPENDITURES, BY TYPE AND SOURCE OF PAYMENT: 1980

[In millions of dollars, except as indicated. Covers all expenditures for health services and supplies, except expenses for prepayment and administration, government public health activities, and expenditures of philanthropic agencies for fund raising activities]

SOURCE	TOTAL EXPENDITURES		Hospi-tal care	Physi-cians' services	Den-tists' services	Other profes-sional services	Drugs and drug sun-dries	Eye-glasses and appli-ances	Nurs-ing home care	Other health serv-ices
	Total	Per cap-ita <sup>1</sup> (dol.)								
<b>Total .....</b>	<b>217,923</b>	<b>941</b>	<b>99,577</b>	<b>46,610</b>	<b>15,852</b>	<b>5,399</b>	<b>19,230</b>	<b>5,120</b>	<b>20,727</b>	<b>5,408</b>
Direct payments .....	70,572	305	9,064	17,385	11,956	3,196	15,901	4,375	8,695	-
Third party payments .....	147,351	636	90,513	29,225	3,896	2,203	3,329	745	12,032	5,408
Private health insurance .....	58,080	251	35,040	16,913	3,307	693	1,771	207	149	-
Government .....	86,406	373	54,237	12,285	589	1,451	1,558	538	11,758	3,990
Philanthropy and industry .....	2,865	12	1,236	28	-	58	-	-	124	1,418
<b>Private <sup>2</sup> .....</b>	<b>131,516</b>	<b>568</b>	<b>45,340</b>	<b>34,326</b>	<b>15,263</b>	<b>3,948</b>	<b>17,672</b>	<b>4,582</b>	<b>8,968</b>	<b>1,418</b>

- Represents zero. <sup>1</sup> For basis of per capita figures, see headnote, table 152. <sup>2</sup> Covers direct payments, private health insurance, and philanthropy and industry.

Source of tables 153-155: U.S. Health Care Financing Administration, *Health Care Financing Review*, Fall 1981.

**NO. 156. PERSONAL HEALTH CARE EXPENDITURES, BY AGE GROUP, 1965 TO 1978, AND BY TYPE:  
1978**

[In millions of dollars, except per capita. See headnote, table 155, for definition of personal health care expenditures. Data do not agree with tables 151, 152, and 154 because data shown here are not based on latest revisions for total national health expenditures]

YEAR AND TYPE OF EXPENDITURE	Total	Public	Private	UNDER 19 YEARS OLD		19-64 YEARS OLD		65 YEARS OLD AND OVER	
				Public	Private	Public	Private	Public	Private
1965.....	37,267	7,880	29,387	992	5,391	4,231	17,781	2,656	6,213
1970.....	65,723	22,442	43,281	2,479	7,878	9,389	28,708	10,577	6,694
1976.....	132,127	51,596	80,531	4,801	11,789	22,494	55,367	24,302	13,372
1977.....	149,139	58,091	91,048	5,206	13,053	25,196	62,382	27,690	15,613
1978, total.....	167,911	65,042	102,870	5,696	14,180	28,172	70,497	31,175	18,192
Per capita <sup>1</sup> (dollars).....	753	232	461	82	204	218	546	1,280	747
Hospital care.....	76,025	40,919	35,107	3,235	3,835	19,159	28,626	18,524	2,645
Physicians' services.....	35,250	9,439	25,811	833	4,382	3,316	17,808	5,290	3,620
Dentists' services.....	13,300	539	12,761	234	2,546	261	8,876	45	1,338
Other professional services.....	4,275	972	3,303	205	193	307	2,480	459	631
Drugs and drug sundries.....	15,098	1,300	13,798	173	2,850	625	8,419	503	2,728
Eyeglasses and appliances.....	3,879	357	3,522	22	459	134	2,659	201	405
Nursing home care.....	15,751	8,358	7,394	67		2,457	600	5,834	6,790
Other health services.....	4,333	3,158	1,175	927	113	1,913	1,028	319	35

<sup>1</sup> Based on U.S. Bureau of the Census data as of January 1 for total U.S. population including Armed Forces and Federal civilian employees abroad, and the civilian population of outlying areas.

Source: U.S. Health Care Financing Administration, *Health Care Financing Review*, Spring 1980.

**NO. 157. INDEXES OF MEDICAL CARE PRICES: 1960 TO 1981**

[1967=100. 1960 excludes Alaska and Hawaii. Indexes are components of consumer price index; for explanation, see text, pp. 457 and 458. For explanation of average annual percent change, see Guide to Tabular Presentation. See also *Historical Statistics, Colonial Times to 1970*, series B 262-272]

YEAR	Index, total	Average annual percent change	Medical care services <sup>1</sup>	PROFESSIONAL SERVICES			Hospital room	Drugs and prescriptions <sup>2</sup>
				Total <sup>1</sup>	Physicians <sup>1</sup>	Dental		
1960.....	79.1	<sup>a</sup> 3.5	74.9	(NA)	77.0	82.1	57.3	104.5
1965.....	89.5	2.5	87.3	(NA)	88.3	92.2	75.9	100.2
1970.....	120.6	6.2	124.2	119.7	121.4	119.4	145.4	103.6
1971.....	128.4	6.5	133.0	127.5	129.8	127.0	163.1	105.4
1972.....	132.5	3.2	138.2	132.1	133.8	132.3	173.9	105.6
1973.....	137.7	3.9	144.3	136.4	138.2	136.4	182.1	105.9
1974.....	150.5	9.3	159.1	148.2	150.9	146.8	201.5	109.6
1975.....	168.6	12.0	179.1	164.5	169.4	161.9	236.1	118.8
1976.....	184.7	9.5	197.1	179.4	188.5	172.2	268.8	126.0
1977.....	202.4	9.6	216.7	194.1	206.0	185.1	299.5	134.1
1978.....	219.4	8.4	235.4	208.8	223.1	198.1	332.4	143.5
1979.....	239.7	9.3	258.3	226.8	243.6	214.8	370.3	153.8
1980.....	265.9	10.9	287.4	252.0	269.3	240.2	418.9	168.1
1981, May.....	289.0	(x)	311.7	273.8	295.5	257.7	465.1	184.7

NA Not available. X Not applicable. <sup>1</sup> Includes other services, not shown separately. <sup>2</sup> Beginning 1978, represents medical care commodities which cover drugs, prescriptions, and other medical supplies. <sup>3</sup> Change from 1955.

Source: U.S. Bureau of Labor Statistics, *Consumer Price Indexes for Selected Items and Groups*, monthly and annual averages.

**NO. 158. BENEFIT EXPENDITURES OF PRIVATE HEALTH INSURANCE ORGANIZATIONS: 1975 TO 1979**

[In millions of dollars. For financial data on private health insurance organizations, see table 891]

TYPE OF CARE	Total	BLUE CROSS-BLUE SHIELD			INSURANCE COMPANIES			Independent plans
		Total	Blue Cross	Blue Shield	Total	Group policies	Individual policies	
1975, total.....	30,072	14,192	10,076	4,116	13,157	11,588	1,569	2,723
1976, total.....	35,471	16,227	11,625	4,602	15,493	13,762	1,731	3,751
1977, total.....	40,013	17,626	12,474	5,152	17,206	15,284	1,922	5,181
1978, total.....	45,044	19,465	13,491	5,974	19,057	16,394	2,663	6,522
1979, total.....	50,176	21,724	15,396	6,328	20,145	17,452	2,693	8,307
Hospital care.....	30,130	14,588	14,321	268	12,012	10,126	1,886	3,529
Physicians' services.....	14,677	5,880	425	5,455	5,896	5,152	744	2,902
Dental care and other.....	5,369	1,256	650	605	2,237	2,174	63	1,876

Source: U.S. Health Care Financing Administration, *Health Care Financing Review*, Fall 1981.



## NO. 159. PRIVATE HEALTH INSURANCE—PERSONS COVERED FOR SPECIFIED BENEFITS: 1960 TO 1979

[In millions, except percent. As of December 31. For persons covered under Federal Government programs, see tables 546, 547, 549 and 550. Data for other plans from Survey of Independent Prepaid and Self-Insured Health Plans; see Appendix III. HIAA=Health Insurance Association of America. See *Historical Statistics, Colonial Times to 1970*, series B 401-412, for persons covered]

BENEFIT AND TYPE OF PLAN	1960	1965	1970	1974	1975	1976	1977	1978	1979
<b>Hospital benefits, persons covered:</b>									
Estimate, household survey (net) <sup>1</sup>	<sup>2</sup> 129.8	<sup>3</sup> 145.5	154.1	162.7	162.4	164.2	168.4	169.1	170.8
Percent of population covered <sup>4</sup>	<sup>2</sup> 70.0	<sup>3</sup> 73.9	75.9	77.3	76.4	76.8	78.1	77.8	77.8
Estimate by HIAA (net) <sup>5,6</sup>	122.5	138.7	158.8	173.1	178.0	176.6	179.0	181.5	183.2
Percent of population covered <sup>4</sup>	68.2	71.9	78.2	82.2	82.4	81.2	81.6	84.7	84.8
Blue Cross-Blue Shield plans, gross	57.5	63.7	75.5	83.8	85.8	85.5	85.1	85.3	85.4
Insurance companies, gross <sup>6,7</sup>	76.6	87.0	107.2	114.2	117.3	102.9	105.1	111.7	109.8
Group policies <sup>6,7</sup>	54.4	63.0	80.5	85.4	87.2	75.9	76.4	75.6	75.5
Individual policies	22.2	24.0	26.7	28.8	30.1	27.0	28.7	36.1	34.4
Other plans, gross <sup>8,9</sup>	6.0	7.0	8.1	10.9	13.1	14.9	18.1	21.5	25.5
<b>Surgical benefits, persons covered:</b>									
Estimate, household survey (net) <sup>1</sup>	<sup>2</sup> 120.5	<sup>3</sup> 142.1	150.0	158.9	160.2	160.2	161.7	161.9	165.1
Percent of population covered <sup>4</sup>	<sup>2</sup> 65.0	<sup>3</sup> 72.2	73.9	75.5	75.4	74.9	75.0	74.4	75.2
Estimate by HIAA (net) <sup>5,6</sup>	111.5	130.5	151.4	166.4	169.9	167.4	167.2	172.5	173.8
Percent of population covered <sup>4</sup>	62.0	67.7	74.6	78.0	78.2	77.0	76.2	80.5	80.4
Blue Cross-Blue Shield plans, gross	48.3	55.3	69.1	76.9	77.8	77.0	75.4	74.4	73.5
Insurance companies, gross <sup>6,7</sup>	71.5	83.2	99.5	105.1	106.4	93.3	93.0	94.6	95.3
Group policies <sup>6,7</sup>	55.5	65.5	81.5	86.6	88.0	77.2	78.6	77.8	77.6
Individual policies	16.0	17.7	18.0	18.5	18.5	16.1	14.4	16.7	17.7
Other plans, gross <sup>8,9</sup>	7.3	8.7	10.5	13.7	15.8	18.0	21.5	25.0	29.1
<b>Major medical expense: <sup>6,10</sup></b>									
Total persons covered, net	32.6	69.7	103.5	131.4	134.1	135.0	139.4	141.5	147.6
Insurance companies, net	25.4	53.0	77.1	91.0	92.2	93.2	96.0	102.5	104.5
Group policies, net	24.4	49.7	73.7	86.0	87.0	88.5	91.7	98.1	99.8
Individual and family policies	1.6	4.5	5.4	7.2	7.3	6.7	6.1	6.9	7.3
Blue Cross-Blue Shield	3.7	14.6	24.9	40.9	42.1	41.7	39.4	39.3	<sup>11</sup> 43.3
Other plans	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	12.4	13.7	<sup>11</sup> 15.1
<b>In-hospital medical visits:</b>									
Estimate by HCFA (net) <sup>9</sup>	(NA)	(NA)	145.6	146.5	151.6	159.6	160.2	163.5	167.6
Percent of population covered <sup>4</sup>	(NA)	(NA)	71.7	69.6	71.4	74.6	74.3	75.2	76.3
Estimate by HIAA (net) <sup>5</sup>	83.2	109.6	138.7	158.2	161.9	163.1	160.4	164.1	163.9
Percent of population covered <sup>4</sup>	46.3	56.8	68.3	75.1	75.0	75.0	73.1	76.6	75.8
<b>X-ray and lab. exams (out-of-hospital) (net) <sup>9</sup></b>	(NA)	79.5	142.4	152.2	156.7	147.1	146.2	151.1	166.4
Percent of population covered <sup>4</sup>	(NA)	41.2	70.2	72.3	73.8	68.8	67.8	69.5	75.8
<b>Office and home visits (net) <sup>9</sup></b>	(NA)	67.8	126.2	127.7	127.2	127.2	124.3	135.8	133.4
Percent of population covered <sup>4</sup>	(NA)	33.4	59.5	60.1	59.5	57.6	62.4	60.7	60.3
Dental care (net) <sup>9</sup>	(NA)	3.1	12.0	27.9	30.0	39.5	44.4	53.8	60.3
Percent of population covered <sup>4</sup>	(NA)	1.6	5.9	13.3	14.1	18.4	20.6	24.8	27.4
<b>Prescribed drugs (out-of-hospital) (net) <sup>9</sup></b>	(NA)	53.2	101.0	142.2	149.3	132.3	131.4	132.3	131.2
Percent of population covered <sup>4</sup>	(NA)	27.6	49.7	67.5	70.3	61.8	60.9	60.8	59.8
<b>Private duty nursing (net) <sup>9</sup></b>	(NA)	56.0	100.2	140.4	145.9	128.9	129.9	133.7	126.9
Percent of population covered <sup>4</sup>	(NA)	29.0	49.4	66.6	68.7	60.3	60.3	61.5	57.8
<b>Visiting nurse service (net) <sup>9</sup></b>	(NA)	60.1	106.9	135.8	141.6	127.0	130.3	140.0	161.1
Percent of population covered <sup>4</sup>	(NA)	31.2	52.6	64.5	66.6	59.4	60.4	64.4	73.3
<b>Nursing home care (net) <sup>9</sup></b>	(NA)	9.9	32.4	69.6	70.1	64.0	61.1	84.5	97.6
Percent of population covered <sup>4</sup>	(NA)	5.1	16.0	33.0	33.0	29.9	28.3	38.9	44.4

NA Not available. <sup>1</sup> Surveys by U.S. National Center for Health Statistics. <sup>2</sup> 1962 data. <sup>3</sup> 1967 data. <sup>4</sup> Based on Bureau of the Census estimated civilian population as of January 1 of following year. <sup>5</sup> Includes duplication which occurs when persons are members of an independent prepaid or self-insured plan or other health plan with which an insurance company has an administrative service agreement and/or a minimum premium plan. <sup>6</sup> Beginning 1975, includes Puerto Rico and outlying areas.

<sup>7</sup> Beginning 1976, excludes persons covered in administrative service only and minimum premium plans. <sup>8</sup> All private plans other than Blue Cross-Blue Shield and insurance companies. <sup>9</sup> Estimates by Health Care Financing Administration (HCFA).

<sup>10</sup> Source: Health Insurance Institute, Washington, D.C. *Source Book of Health Insurance Data*, annual. Coverage provides protection against especially heavy medical bills resulting from "catastrophic" or prolonged illness, and is used to supplement basic medical care insurance or as a comprehensive integrated program providing both basic and major medical protection, including charges for private duty nursing, drugs, and medical appliances. <sup>11</sup> Preliminary.

Source: Except as noted, U.S. Health Care Financing Administration, *Health Care Financing Review*, Fall 1981. Data for 1960-1976 published by U.S. Social Security Administration in *Social Security Bulletin*, September 1978, and earlier issues.

## Health and Nutrition

## NO. 160. PERSONS COVERED BY PRIVATE HEALTH INSURANCE: 1967 TO 1979

TYPE OF CARE	PERCENT UNDER 65 YEARS						PERCENT 65 YEARS AND OVER					
	1967	1970	1975	1977	1978	1979	1967	1970	1975	1977	1978	1979
Hospital care.....	77.0	78.6	78.1	79.2	79.2	79.5	45.0	51.4	62.7	67.3	66.4	64.1
Physicians' services:												
Surgical services.....	75.2	76.9	77.9	78.1	78.5	79.3	44.1	46.7	55.0	49.7	42.4	42.8
In-hospital visits.....	65.6	75.1	79.6	78.3	79.2	80.4	31.1	41.1	42.8	42.1	44.0	44.0
X-ray and laboratory exams.....	50.0	73.8	78.2	71.6	73.6	80.0	18.7	37.4	37.1	37.2	37.4	42.4
Office and home visits.....	(NA)	35.2	63.9	61.2	66.7	65.1	(NA)	17.3	28.6	28.5	28.4	26.5
Dental care.....	2.6	6.5	15.5	22.6	27.0	30.2	.4	.6	2.4	4.8	6.6	6.1
Prescribed drugs (out-of-hospital).....	39.0	53.5	76.1	66.2	66.2	65.2	9.7	15.9	21.8	18.2	18.8	17.5
Private duty nursing.....	41.5	53.1	74.3	65.8	67.5	63.4	11.7	15.8	21.7	15.7	14.2	14.1
Visiting nurse service.....	44.6	56.4	71.8	65.7	69.1	78.4	13.0	18.8	24.1	18.2	26.8	33.7
Nursing home care.....	8.9	15.4	34.6	29.7	39.3	44.0	15.2	24.7	19.6	23.3	35.1	47.8

NA Not available.

Source: U.S. Health Care Financing Administration, *Health Care Financing Review*, Fall 1981. Data for 1967-1975 published by U.S. Social Security Administration in *Social Security Bulletin*, September 1978, and earlier issues.

## NO. 161. PUBLIC AND PRIVATE HEALTH CARE COVERAGE, BY FAMILY INCOME AND AGE: 1976

[Data based on the Survey of Income and Education conducted by the U.S. Bureau of the Census; see Appendix III, section I. Data adjusted by source for underreporting of coverage by public programs]

FAMILY INCOME IN 1975 AND AGE	POPULATION (1,000)			PERCENT DISTRIBUTION			
	Total	Without coverage	With coverage	Without coverage	With coverage		
					Total	Private only	Public only
<b>Total.....</b>	<b>211,517</b>	<b>21,526</b>	<b>169,991</b>	<b>10.2</b>	<b>89.8</b>	<b>63.4</b>	<b>12.7</b>
Under \$5,000.....	27,985	4,873	23,112	17.4	82.6	18.9	42.7
\$5,000-\$9,999.....	42,414	7,021	35,392	16.6	83.5	41.6	20.0
\$10,000-\$14,999.....	44,688	4,106	40,582	9.2	90.6	65.2	7.3
\$15,000 and over.....	96,431	5,525	90,905	5.7	94.3	85.0	3.4
Under 6 years.....	19,000	2,632	16,368	13.9	86.2	67.6	14.4
6-13 years.....	50,326	5,637	44,689	11.2	88.8	71.6	11.6
19-24 years.....	22,965	4,711	18,254	20.5	79.5	67.6	8.1
25-44 years.....	54,232	5,037	49,196	9.3	90.7	72.0	8.3
45-64 years.....	43,273	3,290	39,983	7.6	92.4	70.0	8.8
65 years and over.....	21,721	219	21,502	1.0	99.0	1.5	37.7

Source: U.S. Congress, Congressional Budget Office, *Profile of Health Care Coverage: The Haves and Have-Nots*. 1979.

## NO. 162. EMPLOYED PERSONS IN SELECTED HEALTH OCCUPATIONS: 1972 TO 1980

[In thousands except percent. Persons 16 years old and over. Annual averages based on data collected by Bureau of the Census as part of Current Population Survey; see Appendix III]

OCCUPATION	1972	1975	1980			OCCUPATION	1972	1975	1980		
			Number	Percent—					Number	Percent—	
				Female	Black <sup>1</sup>					Female	Black <sup>1</sup>
<b>Total</b> .....	<b>3,511</b>	<b>4,041</b>	<b>5,030</b>	<b>75.0</b>	<b>15.8</b>	Health administrators.....	118	152	210	48.1	8.1
Physicians, dentists, and related <sup>2</sup> .....	624	647	777	12.9	8.2	Health technologists and technicians <sup>2</sup> .....	315	397	571	70.8	11.2
Dentists.....	107	110	140	4.3	5.0	Clinical laboratory.....	142	177	234	75.2	14.1
Pharmacists.....	126	119	120	25.0	8.3	Radiology.....	68	79	100	70.0	9.0
Physicians <sup>3</sup> .....	328	354	426	13.4	10.8	Health service <sup>2</sup> .....	1,505	1,718	1,898	89.7	24.2
Registered nurses.....	801	935	1,302	96.5	11.4	Health aides and trainees <sup>4</sup> .....	148	219	290	84.1	22.1
Therapists.....	115	157	213	73.7	11.7	Nursing aides <sup>5</sup> .....	912	1,001	1,093	87.5	28.8
Dietitians.....	33	35	59	91.5	25.4	Practical nurses.....	342	370	375	97.3	19.2

<sup>1</sup> Comprises all races other than White. <sup>2</sup> Includes other occupations not shown separately. <sup>3</sup> Medical and osteopathic. <sup>4</sup> Excludes nursing. <sup>5</sup> Includes orderlies and attendants.

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings*, October 1973, January 1976, and January 1981.

## No. 163. PHYSICIANS, DENTISTS, AND NURSES: 1950 TO 1979

[Physicians and dentists as of **end of year**; nurses as of **Jan. 1** except **April 1** for 1950. Prior to 1960, data for nurses exclude Alaska and Hawaii. Data for physicians include Puerto Rico and outlying areas. See also *Historical Statistics, Colonial Times to 1970*, series B 275-290]

ITEM	Unit	1950	1955	1960	1965	1970	1975	1976	1977	1978	1979
<b>Physicians, number</b> .....	<b>1,000</b> .....	<b>233</b>	<b>255</b>	<b>275</b>	<b>305</b>	<b>348</b>	<b>409</b>	<b>426</b>	<b>438</b>	<b>454</b>	<b>473</b>
Rate per 100,000 population <sup>1</sup> .....	Rate.....	149	150	148	153	166	188	194	199	204	210
Doctors of medicine <sup>2</sup> .....	1,000.....	220	242	260	292	334	394	409	421	437	455
Active (exc. in Federal service).....	1,000.....	(NA)	(NA)	(NA)	255	282	338	351	362	381	399
Rate per 100,000 population <sup>3</sup> .....	Rate.....	(NA)	(NA)	(NA)	130	137	157	161	165	172	177
Active foreign medical school grad. <sup>4</sup> .....	1,000.....	(NA)	(NA)	(NA)	(NA)	77	81	84	85	90	90
Doctors of osteopathy.....	1,000.....	13	14	14	13	14	<sup>5</sup> 15	<sup>5</sup> 16	<sup>5</sup> 17	17	18
Physicians admitted to U.S. as immigrants <sup>6</sup> .....	1,000.....	1.9	1.0	1.6	2.0	3.2	5.4	6.2	7.1	4.4	3.0
Medical and osteopathic schools.....	Number.....	85	87	91	93	107	123	123	126	134	138
Students.....	1,000.....	26.9	30.5	32.0	34.1	39.7	57.2	59.6	61.9	64.3	66.5
Graduates.....	1,000.....	5.9	7.4	7.5	7.8	8.8	13.4	14.3	14.5	15.4	18.5
Newly licensed physicians, total <sup>4</sup> .....	Number.....	6.0	7.7	8.0	9.1	11.0	16.9	17.7	18.2	19.4	19.9
Percent of total active M.D.'s.....	Percent.....	(NA)	(NA)	(NA)	3.3	3.5	4.6	4.7	4.6	4.8	4.8
Graduates of—											
U.S. and Canadian medical schools.....	Number.....	5.7	6.8	6.6	7.6	8.0	10.9	11.3	12.3	14.8	16.3
Foreign medical schools.....	Number.....	.3	.9	1.4	1.5	3.0	6.0	6.4	5.9	4.6	3.6
Percent of total newly licensed.....	Percent.....	5.1	11.7	17.7	16.7	27.3	35.4	36.3	32.2	23.6	17.9
<b>Dentists, number</b> <sup>7</sup> .....	<b>1,000</b> .....	<b>87</b>	<b>95</b>	<b>103</b>	<b>109</b>	<b>116</b>	(NA)	<b>115</b>	<b>118</b>	<b>121</b>	<b>124</b>
Active (exc. in Federal service).....	1,000.....	75	78	85	90	96	107	110	113	115	118
Rate per 100,000 population <sup>3</sup> .....	Rate.....	50	48	47	47	47	50	52	52	53	54
Dental schools.....	Number.....	41	43	47	49	53	59	59	59	59	60
Students.....	1,000.....	11.5	12.6	13.6	13.9	16.0	20.1	20.8	21.0	21.5	22.2
Graduates.....	1,000.....	2.6	3.1	3.3	3.2	3.7	5.0	5.3	5.2	5.3	5.4
<b>Nurses, number (active registered)</b> .....	<b>1,000</b> .....	<b>375</b>	<b>430</b>	<b>504</b>	<b>613</b>	<b>700</b>	<b>906</b>	<b>961</b>	<b>1,011</b>	<b>1,059</b>	<b>1,075</b>
Rate per 100,000 population <sup>1</sup> .....	Rate.....	249	259	282	319	345	427	449	469	487	490
Nursing schools <sup>8</sup> .....	Number.....	1,203	1,139	1,119	1,153	1,328	1,347	1,349	1,337	1,339	1,354
Students <sup>8</sup> .....	1,000.....	99	108	115	130	151	243	248	247	245	238
Graduates <sup>8</sup> .....	1,000.....	26	29	30	35	44	74	77	78	78	78

NA Not available. <sup>1</sup> Based on Bureau of the Census resident population estimates; see source for estimates used.

<sup>2</sup> Excludes non-Federal physicians with temporary foreign addresses; see headline, table 164. <sup>3</sup> Based on Bureau of the Census civilian population estimates; see source for estimates used. <sup>4</sup> Foreign medical graduates exclude graduates of Canadian schools. Source: American Medical Association, Chicago, Ill., *Physician Distribution and Medical Licensure in The U.S.*, annual. For newly-licensed physicians prior to 1975, *Medical Licensure Statistics*, annual. (Copyright.) <sup>5</sup> Estimated. <sup>6</sup> Source: U.S. Immigration and Naturalization Service, *Annual Report*. <sup>7</sup> Beginning 1960, excludes graduates of year started. Beginning 1976, excludes inactive dentists. <sup>8</sup> 1950-1970 includes Puerto Rico, 1965 and 1970 include Guam and Virgin Islands.

## No. 164. PHYSICIANS, BY TYPE OF PRACTICE: 1965 TO 1979

[As of **December 31**. Includes Puerto Rico and outlying areas. 1965 data for doctors of medicine by type of practice not comparable with later years due to changes in classification. Excludes 4,148 non-Federal physicians with temporary foreign addresses in 1970, 5,277 in 1974, 5,559 in 1975, 5,604 in 1976, 5,790 in 1977, 5,843 in 1978, and 6,180 in 1979]

TYPE OF PRACTICE	NUMBER (1,000)								PERCENT DISTRIBUTION			
	1965	1970	1974	1975	1976	1977	1978	1979	1965	1970	1975	1979
<b>All physicians</b> .....	<b>305.1</b>	<b>348.3</b>	<b>394.5</b>	<b>409.0</b>	<b>425.8</b>	<b>437.8</b>	<b>454.3</b>	<b>472.4</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
<b>Doctors of medicine</b> .....	<b>292.1</b>	<b>334.0</b>	<b>379.7</b>	<b>393.7</b>	<b>409.4</b>	<b>421.3</b>	<b>437.5</b>	<b>454.6</b>	<b>96</b>	<b>96</b>	<b>96</b>	<b>96</b>
Active M.D.'s.....	277.6	311.2	350.6	366.4	378.6	382.0	401.4	417.3	91	89	90	88
Non-Federal <sup>1</sup> .....	268.1	301.3	345.6	359.7	373.1	390.4	408.0	427.1	88	87	88	90
Patient care.....	239.3	255.0	278.5	287.8	294.7	315.7	325.8	341.5	78	73	70	72
Office based <sup>2</sup> .....	185.3	188.9	203.9	213.3	214.7	231.1	238.9	248.9	61	54	52	53
General practice <sup>3</sup> .....	65.7	50.8	46.8	46.3	46.0	45.1	45.1	46.7	22	12	11	10
Specialty, full-time.....	119.6	138.1	157.1	167.0	168.7	186.0	193.8	202.2	39	40	41	43
Training programs.....	39.6	45.8	54.5	53.5	58.9	58.9	57.2	61.4	13	13	13	13
Full-time hospital staff.....	14.3	20.3	20.1	21.0	21.1	25.8	29.6	31.1	5	6	5	7
Other professional activity.....	15.5	26.3	25.1	24.3	26.1	27.9	29.8	33.7	5	8	6	7
Retired, not in practice.....	13.3	19.6	21.6	21.4	22.1	28.4	26.8	28.3	4	6	5	6
Federal.....	22.8	29.5	26.6	28.2	27.8	19.9	20.2	18.5	8	8	7	4
Patient care <sup>4</sup> .....	20.2	23.5	22.7	24.1	23.7	16.6	16.9	15.3	7	7	6	3
Full-time hospital staff.....	16.3	14.6	16.2	17.7	17.7	12.0	12.6	11.8	5	4	4	2
Other professional activity.....	2.7	6.0	3.9	4.1	3.9	3.3	3.3	3.2	1	2	1	1
Not reported.....	1.2	3.2	7.5	5.9	8.8	10.9	9.3	9.0	(2)	1	1	2
<b>Doctors of osteopathy</b> <sup>5</sup> .....	<b>13.0</b>	<b>14.3</b>	<b>14.8</b>	<b>15.4</b>	<b>16.4</b>	<b>16.6</b>	<b>16.8</b>	<b>18.0</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>

Z Less than .5 percent. <sup>1</sup> Beginning 1970, includes physicians not classified. <sup>2</sup> Covers all physicians rendering patient care (or patient services by pathologists) in solo, partnership, group practice, or other arrangement and those in industry, insurance companies, health depts., laboratories, etc. <sup>3</sup> Includes family practice. <sup>4</sup> Includes Federal physicians in office-based practice and training programs. <sup>5</sup> Source, beginning 1970: American Osteopathic Association, Chicago, Ill.

Source of tables 163 and 164: Except as noted, U.S. National Center for Health Statistics, *Health Resources Statistics*, annual; beginning 1976, biennial.

## NO. 165. PHYSICIANS, BY SEX, SPECIALTY, AND MAJOR PROFESSIONAL ACTIVITY: 1970 TO 1979

[In thousands, except percent. As of December 31. Includes Puerto Rico and outlying areas]

SPECIALTY	1970		1975, total	1978, total	1979							Other profes- sional <sup>2</sup>
	Total	Per- cent			Total		Patient care					
					Num- ber	Per- cent	Total	Of- fice- based	Hospital-based			
									Full- time	Resi- dents <sup>1</sup>		
Total.....	<sup>a</sup> 334.0	100.0	<sup>a</sup> 393.7	<sup>a</sup> 437.5	<sup>a</sup> 454.6	100.0	356.8	249.6	42.9	64.3	36.9	
Male.....	(NA)	(NA)	358.1	391.9	404.0	88.9	321.1	232.8	36.8	51.5	32.7	
Female.....	(NA)	(NA)	35.6	45.5	50.6	11.1	35.7	16.7	6.1	12.8	4.2	
General practice.....	57.9	17.3	54.6	56.2	58.1	12.8	56.8	46.9	3.9	6.0	1.4	
Medical <sup>4</sup> .....	77.2	23.1	95.1	109.7	118.9	26.1	103.5	67.0	11.7	24.8	15.4	
Internal medicine.....	41.9	12.5	54.3	62.6	68.6	15.1	60.2	35.2	6.5	18.5	8.4	
Pediatrics.....	17.9	5.4	21.7	24.5	26.7	5.9	24.0	15.7	2.8	5.5	2.7	
Surgical <sup>4</sup> .....	86.0	25.8	96.0	102.4	107.6	23.7	103.3	77.5	7.8	18.1	4.3	
General surgery.....	29.8	8.9	31.6	32.1	33.2	7.3	31.8	21.3	3.0	7.5	1.4	
Obstetrics, gynecology.....	18.9	5.7	21.7	24.0	25.2	5.5	24.2	18.3	1.6	4.2	1.1	
Ophthalmology.....	9.9	3.0	11.1	11.9	12.6	2.8	12.1	10.0	.6	1.5	.5	
Orthopedic.....	9.6	2.9	11.4	12.7	13.5	3.0	13.1	10.0	.9	2.1	.4	
Other <sup>4</sup> .....	89.6	26.8	94.6	107.5	109.1	24.0	93.2	58.2	19.5	15.5	15.9	
Anesthesiology.....	10.1	3.0	12.9	14.2	15.4	3.4	14.4	10.5	2.2	1.7	1.0	
Psychiatry.....	21.1	6.3	23.9	25.6	26.9	5.9	23.8	15.1	5.3	3.5	3.0	
Pathology.....	10.3	3.1	11.7	12.6	13.3	2.9	11.0	5.4	3.4	2.2	2.3	
Radiology.....	10.5	3.1	11.5	11.6	11.7	2.6	10.9	7.6	2.2	1.1	.9	

NA Not available. <sup>1</sup> Includes interns. <sup>2</sup> Medical teaching, administration, research, and other.<sup>3</sup> 1970, includes 19,621 inactive, 358 not classified, 3,204 address unknown; 1975, 21,449 inactive, 26,145 not classified, 5,868 address unknown; 1978, 26,831 inactive, 25,553 not classified, 9,291 address unknown; and 1979, 28,338 inactive, 23,537 not classified, and 8,960 address unknown. <sup>4</sup> Includes other specialties not shown separately.Source: American Medical Association, Chicago, Ill., *Distribution of Physicians in the U.S., 1970*; and *Physician Distribution and Medical Licensure in the U.S.*, annual. (Copyright.)

## NO. 166. ACTIVE NON-FEDERAL PHYSICIANS, 1970 AND 1979, AND DENTISTS, 1979—STATES

[See headnote, table 163. Excludes doctors of osteopathy, Federal physicians and dentists, and physicians with addresses unknown. Rates based on U.S. Bureau of the Census population estimates as of July 1; see source]

STATE	PHYSICIANS				DENTISTS, 1979		STATE OR OTHER AREA	PHYSICIANS				DENTISTS, 1979	
	Total		Rate <sup>1</sup>		Total	Rate <sup>1</sup>		Total		Rate <sup>1</sup>		Total	Rate <sup>1</sup>
	1970	1979	1970	1979				1970	1979	1970	1979		
U.S. ....	279,212	394,847	138	181	118,330	54	Mont. ....	679	995	98	127	445	57
Ala. ....	2,885	4,634	84	124	1,318	35	Nebr. ....	1,581	2,264	107	145	948	61
Alaska. ....	199	453	73	118	214	56	Nev. ....	504	956	104	138	340	49
Ariz. ....	2,211	4,536	125	187	1,180	49	N.H. ....	925	1,401	125	159	472	53
Ark. ....	1,629	2,586	85	119	722	33	N.J. ....	9,770	13,425	137	184	4,814	66
Calif. ....	34,981	50,653	178	226	14,106	63	N. Mex. ....	1,043	1,796	104	147	503	41
Colo. ....	3,627	5,436	167	199	1,674	61	N.C. ....	40,730	45,964	223	261	13,025	74
Conn. ....	5,412	7,500	179	242	2,253	73	N.D. ....	5,216	8,283	105	150	2,110	38
Del. ....	682	923	125	160	263	46	N. Dak. ....	542	811	89	126	303	47
D.C. ....	2,745	3,365	371	519	565	87	Ohio. ....	13,387	16,800	126	157	5,206	49
Fla. ....	8,480	16,436	126	188	4,351	50	Okla. ....	2,427	3,655	96	128	1,188	42
Ga. ....	4,617	7,287	102	144	2,113	42	Oreg. ....	2,803	4,472	134	177	1,736	69
Hawaii. ....	1,064	1,741	148	203	590	68	Pa. ....	16,885	21,466	143	183	6,463	55
Idaho. ....	824	975	88	108	496	55	R.I. ....	1,355	1,906	148	206	518	56
Ill. ....	14,462	20,353	131	182	6,080	54	S.C. ....	2,194	3,846	87	134	1,033	36
Ind. ....	4,988	6,773	96	126	2,306	43	S. Dak. ....	503	698	76	102	293	43
Iowa. ....	2,733	3,535	97	122	1,444	50	Tenn. ....	4,433	6,872	113	158	2,073	48
Kans. ....	2,426	3,512	110	150	1,066	46	Tex. ....	12,275	20,116	111	152	5,613	42
Ky. ....	3,107	4,687	97	134	1,476	42	Utah. ....	1,377	2,234	130	164	870	64
La. ....	4,141	5,957	115	149	1,585	40	Vt. ....	755	1,040	170	211	280	58
Maine. ....	972	1,592	99	146	493	45	Va. ....	5,234	8,592	117	170	2,460	49
Md. ....	6,714	10,554	173	257	2,439	59	Wash. ....	4,658	6,906	139	178	2,618	68
Mass. ....	11,036	14,850	195	258	4,100	71	W. Va. ....	1,706	2,503	98	133	730	39
Mich. ....	10,384	14,201	117	154	4,907	53	Wis. ....	5,003	7,105	113	151	2,742	58
Minn. ....	5,420	7,518	143	185	2,502	62	Wyo. ....	304	477	92	107	218	49
Miss. ....	1,737	2,563	79	106	756	32	Puerto Rico. ....	2,345	3,665	87	(NA)	(NA)	(NA)
Mo. ....	5,647	7,644	122	158	2,340	48	Outlying areas. ....	145	223	55	(NA)	(NA)	(NA)

NA Not available. <sup>1</sup> Per 100,000 civilian population.Source: U.S. National Center for Health Statistics, *Health Resources Statistics*, annual (beginning 1976, biennial); and unpublished data.

## NO. 167. PHYSICIAN AND DENTAL VISITS: 1970 TO 1979

[Refers to the civilian noninstitutional population. Based on National Health Interview Survey; see Appendix III]

SEX AND AGE OF PATIENT	PHYSICIAN VISITS						DENTAL VISITS					
	1970	1975	1976	1977	1978	1979	1970	1975	1976	1977	1978	1979
<b>Total visits (million)</b> .....	<b>927</b>	<b>1,056</b>	<b>1,041</b>	<b>1,020</b>	<b>1,017</b>	<b>1,022</b>	<b>304</b>	<b>341</b>	<b>336</b>	<b>343</b>	<b>342</b>	<b>366</b>
By males (million) .....	396	435	435	426	417	422	133	153	147	154	149	162
By females (million) .....	531	621	606	594	599	600	171	188	189	189	193	204
<b>Visits per person</b> .....	<b>4.6</b>	<b>5.1</b>	<b>4.9</b>	<b>4.8</b>	<b>4.8</b>	<b>4.7</b>	<b>1.5</b>	<b>1.6</b>	<b>1.6</b>	<b>1.6</b>	<b>1.6</b>	<b>1.7</b>
By males .....	4.1	4.3	4.3	4.2	4.0	4.1	1.4	1.5	1.4	1.5	1.4	1.6
By females .....	5.1	5.7	5.6	5.4	5.4	5.4	1.7	1.7	1.7	1.7	1.7	1.8
Under 6 years .....	5.9	6.5	6.3	6.3	6.4	6.5	.5	.6	.5	.5	.6	.5
6-16 years .....	2.9	3.2	3.0	3.1	3.1	3.0	1.9	2.0	1.9	2.0	2.1	2.1
17-24 years .....	4.6	4.8	4.4	4.3	4.3	4.3	1.8	1.8	1.8	1.6	1.5	1.6
25-44 years .....	4.6	5.1	4.9	4.7	4.7	4.5	1.7	1.7	1.7	1.7	1.7	1.8
45-64 years .....	5.2	5.6	5.7	5.4	5.3	5.2	1.5	1.8	1.8	1.8	1.7	1.9
65 years and over .....	6.3	6.6	6.9	6.5	6.3	6.3	1.1	1.2	1.2	1.3	1.2	1.4

Source: U.S. National Center for Health Statistics, *Vital and Health Statistics*, series 10, and unpublished data.

## NO. 168. VISITS TO PHYSICIANS, BY TYPE OF VISIT, RACE, AND FAMILY INCOME: 1979

[Refers to civilian noninstitutional population. Based on National Health Interview Survey; see Appendix III]

RACE AND FAMILY INCOME	Total <sup>1</sup>	Physi- cians' offices	Phone consul- tation <sup>2</sup>	Emer- gency room <sup>3</sup>	RACE AND FAMILY INCOME	Total <sup>1</sup>	Physi- cians' offices	Phone consul- tation <sup>2</sup>	Emer- gency room <sup>3</sup>
<b>Visits, total<sup>4</sup> (mil.)</b> .....	<b>1,022</b>	<b>694</b>	<b>134</b>	<b>134</b>	<b>White—Con:</b>				
White (mil.) .....	895	620	124	105	\$15,000—\$24,999 .....	100.0	71.4	14.2	10.3
Black (mil.) .....	112	65	9	27	\$25,000 or more .....	100.0	72.3	13.6	9.0
<b>Percent distribution:</b>					<b>Black</b> .....	100.0	57.9	7.8	24.3
All races <sup>4</sup> .....	100.0	67.9	13.1	13.1	Under \$5,000 .....	100.0	54.7	6.0	25.6
White .....	100.0	69.2	13.8	11.7	\$5,000—\$9,999 .....	100.0	56.8	7.1	29.6
Under \$5,000 .....	100.0	64.9	10.5	16.9	\$10,000—\$14,999 .....	100.0	57.8	10.2	24.7
\$5,000—\$9,999 .....	100.0	65.9	13.9	14.5	\$15,000—\$24,999 .....	100.0	59.0	12.8	22.8
\$10,000—\$14,999 .....	100.0	67.3	14.5	12.5	\$25,000 or more .....	100.0	63.7	10.3	16.2

<sup>1</sup> Includes other types of visits, not shown separately. <sup>2</sup> Includes visits to patients' homes.<sup>3</sup> Includes visits to hospital outpatient department.<sup>4</sup> Includes other races not shown separately.

Source: U.S. National Center for Health Statistics, unpublished data.

NO. 169. UNINCORPORATED AND INCORPORATED PHYSICIANS AND DENTISTS—MEDIAN EARNINGS  
FROM PRACTICE: 1970 TO 1979

[In thousands of dollars. Based on random sampling of all M.D.'s. 1979 data for physicians are based on 6,097 returned questionnaires (37 percent of all questionnaires mailed in 1980). Of all questionnaires returned, 41 percent gave usable responses to the income question. *Unincorporated*: Represents net income from practice after payment of tax-deductible professional expenses but before payment of income taxes. For 1970, data relate to doctors of medicine (M.D.'s) under age 65 in private practice; 1975-1979, to office-based, patient care M.D.'s all ages. *Incorporated*: Comprises office-based, patient care doctors of medicine (M.D.'s) of all ages who are shareholders of a medical corporation. Earnings include salary, bonuses (if any), and funds set aside by corporation for individual's retirement. Data for dentists cover gross income (total collected fees) minus professional expenses. For definition of median, see Guide to Tabular Presentation. See *Historical Statistics, Colonial Times to 1970*, series D 918-919, for physicians and dentists]

FIELD OF PRACTICE	UNINCORPORATED						INCORPORATED					
	1970	1975	1976	1977	1978	1979	1975	1976	1977	1978	1979	
<b>All physicians <sup>1</sup>.....</b>	<b>41.5</b>	<b>47.5</b>	<b>52.4</b>	<b>52.6</b>	<b>54.7</b>	<b>60.6</b>	<b>76.3</b>	<b>75.6</b>	<b>78.3</b>	<b>82.3</b>	<b>86.3</b>	
General practitioners.....	37.4	38.6	43.7	46.0	45.7	50.5	59.2	58.7	63.4	71.0	70.8	
Internists.....	41.3	53.7	53.6	59.6	53.7	69.3	71.1	66.9	73.5	73.6	79.8	
General surgeons.....	45.0	53.7	61.4	56.7	62.5	65.8	83.3	78.4	81.6	88.8	88.6	
Obstetricians-gynecologists.....	47.1	57.5	63.4	57.3	63.2	75.8	83.4	89.2	92.9	88.4	95.3	
Pediatricians.....	35.9	43.5	45.9	49.2	49.1	53.7	58.6	56.6	62.5	67.1	67.0	
Family practitioners.....	(NA)	48.2	50.7	54.8	58.1	67.3	61.9	59.4	69.4	66.9	68.0	
Orthopedic surgeons.....	(NA)	(NA)	(NA)	71.7	(NA)	96.7	<sup>2</sup> 87.5	(NA)	98.8	(NA)	119.9	
<b>All dentists <sup>3</sup>.....</b>	<b>28.1</b>	<b>30.2</b>	<b>40.0</b>	<b>(NA)</b>	<b>39.9</b>	<b>(NA)</b>	<b>(NA)</b>	<b>(NA)</b>	<b>(NA)</b>	<b>60.0</b>	<b>(NA)</b>	

NA Not available. <sup>1</sup> Includes specialties not shown separately. <sup>2</sup> 1974 data. <sup>3</sup> Source: American Dental Association, Chicago, Ill., *Survey of Dental Practice*, biennial (copyright). Incorporated included in unincorporated for all years.

Source: Except as noted, Medical Economics Company, Oradell, N.J., *Medical Economics*. (Copyright © 1980 by Litton Industries, Inc.; further reproduction prohibited without written permission of copyright owner.)

# **NO. 170. AVERAGE NET INCOME OF PHYSICIANS, BY GEOGRAPHIC DIVISION AND AREA OF RESIDENCE, 1970 TO 1979, AND BY SELECTED SPECIALTIES, 1979**

[In thousands of dollars. Represents net income from practice after payment of tax-deductible professional expenses but before payment of income taxes. Relates to non-Federal, office-based, patient-care physicians. Based on periodic sample survey of physicians and subject to sampling variability]

GEOGRAPHIC DIVISION <sup>1</sup> AND AREA OF RESIDENCE	1970, total	1975, total	1978, total	1979						
				All specialties <sup>2</sup>	General practice	Internal medicine	Surgery	Pediatrics	Obstetrics <sup>3</sup>	Psychiatry
<b>United States .....</b>	<b>41.8</b>	<b>56.4</b>	<b>65.5</b>	<b>78.4</b>	<b>62.0</b>	<b>76.2</b>	<b>96.0</b>	<b>60.4</b>	<b>91.8</b>	<b>62.6</b>
New England .....	38.0	47.2	54.9	66.6	46.3	64.2	78.1	57.9	75.7	57.1
Middle Atlantic .....	37.6	53.2	59.1	73.2	50.2	69.1	94.4	49.9	93.2	61.2
East North Central .....	47.0	59.9	69.9	81.2	62.2	82.0	95.9	66.4	97.8	71.1
West North Central .....	41.1	56.6	70.2	79.4	67.3	74.4	98.6	62.9	97.3	69.0
South Atlantic .....	42.6	58.2	64.9	79.8	66.9	81.5	96.4	57.4	87.1	57.0
East South Central .....	42.0	65.5	79.7	87.0	77.1	97.6	1.60	71.8	91.5	55.3
West South Central .....	43.5	61.4	70.9	85.8	71.8	86.6	99.5	71.3	89.6	98.8
Mountain .....	39.4	54.7	61.8	73.5	62.8	62.6	86.1	51.8	95.1	61.5
Pacific .....	44.0	54.8	64.9	78.6	56.6	78.3	101.2	64.1	94.7	54.6
SMSA's <sup>4</sup> with—										
Under 1 million inhabitants .....	42.0	59.5	68.1	78.7	59.6	75.8	96.2	69.9	91.4	60.3
1 million inhabitants or more .....	42.0	55.6	63.9	78.8	57.7	76.5	97.3	60.2	91.4	63.9
Nonmetropolitan areas .....	40.4	52.4	64.4	76.4	69.2	75.8	91.4	59.2	94.8	58.4

<sup>1</sup> For composition of divisions, see Fig. 1 inside front cover. <sup>2</sup> Includes other specialties not shown separately. <sup>3</sup> Includes gynecology. <sup>4</sup> Includes all counties in standard metropolitan statistical areas (SMSA's) and all counties considered potential SMSA's. SMSA's are as designated in 1970 census publications; for definition of SMSA, see Appendix II.

Source: American Medical Association, Chicago, Ill., *Reference Data on Profile of Medical Practice*, annual. (Copyright.)

# **NO. 171. AVERAGE FEES FOR INITIAL AND FOLLOWUP OFFICE VISITS, BY MEDICAL SPECIALTY: 1971 TO 1980**

[Initial office visit covers new patients. Followup office visit covers established patients previously seen by the physician. Based on sample survey of physicians and subject to sampling variability]

MEDICAL SPECIALTY	INITIAL OFFICE VISIT					FOLLOWUP OFFICE VISIT				
	1971	1975	1978	1979	1980	1971	1975	1978	1979	1980
<b>All specialties <sup>1</sup> .....</b>	<b>\$16.00</b>	<b>\$21.20</b>	<b>\$27.60</b>	<b>\$30.47</b>	<b>\$33.28</b>	(NA)	<b>\$13.08</b>	(NA)	<b>\$19.44</b>	<b>\$20.96</b>
Annual percent change <sup>2</sup> .....	<sup>3</sup> 16.3	7.3	9.2	10.4	9.2	(NA)	<sup>4</sup> 5.1	(NA)	10.4	7.8
General practice .....	\$9.65	\$13.11	\$16.55	\$18.21	\$20.43	\$6.93	\$9.29	\$12.15	\$13.67	\$15.18
Internal medicine .....	20.38	26.11	32.53	38.18	40.18	9.96	13.56	16.83	19.89	20.46
Surgery .....	16.43	20.81	26.52	29.04	31.83	9.18	12.22	15.91	17.61	19.00
Pediatrics .....	11.18	16.18	19.03	21.06	22.15	7.89	11.07	13.72	15.65	16.40
Obstetrics-gynecology .....	17.59	23.57	29.85	30.70	34.03	9.52	13.73	18.23	19.04	20.66

NA Not available. <sup>1</sup> Includes specialties not shown separately. <sup>2</sup> Average change from prior year shown, except as noted. See Guide to Tabular Presentation. <sup>3</sup> Change from 1969. <sup>4</sup> Change from 1974.

Source: American Medical Association, Chicago, Ill., *Reference Data on Profile of Medical Practice*, annual. (Copyright.)

# **NO. 172. MEDICAL MALPRACTICE INSURANCE PREMIUMS, BY SPECIALTY: 1974 TO 1979**

[Covers office-based, fee-for-service doctors of medicine (M.D.'s). Based on random sampling of all M.D.'s in this category. Data for 1974 are not comparable with later data because of change in survey methodology. Premium data based only on M.D.'s with expenditures for malpractice insurance. For definition of median, see Guide to Tabular Presentation]

MEDICAL SPECIALTY	MEDIAN PREMIUM (dol.)						PERCENT OF M.D.'S WITH NO COVERAGE				
	1974	1975	1976	1977	1978	1979	1975	1976	1977	1978	1979
<b>All physicians <sup>1</sup> .....</b>	<b>1,300</b>	<b>1,900</b>	<b>3,430</b>	<b>3,380</b>	<b>3,190</b>	<b>3,330</b>	<b>2</b>	<b>3</b>	<b>8</b>	<b>6</b>	<b>7</b>
General practitioners .....	1,000	1,300	2,090	2,050	2,240	2,210	6	7	7	7	8
Family practitioners .....	1,000	1,200	2,240	2,160	2,230	2,300	1	4	6	4	4
Internists .....	700	900	1,660	2,220	2,090	1,900	(2)	2	5	4	9
General surgeons .....	2,600	4,000	6,630	7,110	6,770	7,190	1	3	9	6	8
Obstetricians <sup>2</sup> .....	3,300	4,900	8,510	8,500	8,620	8,050	1	3	11	10	6
Pediatricians .....	600	800	1,650	1,750	1,860	1,710	1	2	5	4	4

Z Less than 1 percent. <sup>1</sup> Includes specialties not shown separately. <sup>2</sup> Includes gynecologists.

Source: Medical Economics Company, Oradell, N.J., *Medical Economics*. (Copyright © 1980 by Litton Industries, Inc.; further reproduction prohibited without written permission of copyright owner.)

## NO. 173. HOSPITALS AND NURSING HOMES—SUMMARY CHARACTERISTICS: 1968 TO 1979

[Based on National Master Facility Inventory; see Appendix III]

YEAR AND TYPE OF FACILITY	Total	FACILITIES UNDER—			FACILITIES WITH—			Resi- dents <sup>1</sup> (1,000)	Full- time em- ployees (1,000)
		Govt. control	Profit control	Non- profit control	6-24 beds	25-74 beds	75 or more beds		
<b>1968:</b> All facilities.....	26,176	4,147	15,313	6,716	8,582	10,294	7,300	2,034	2,450
Nursing homes.....	18,185	1,376	14,048	2,761	7,779	7,383	3,023	783	(NA)
Hospitals.....	7,991	2,771	1,265	3,955	803	2,911	4,277	1,250	(NA)
<b>1971:</b> All facilities.....	29,682	4,178	18,091	7,413	8,902	10,959	9,821	2,262	3,007
Nursing homes.....	22,004	1,368	17,049	3,587	8,266	8,259	5,479	1,076	588
Hospitals.....	7,678	2,810	1,042	3,826	636	2,700	4,342	1,186	2,439
<b>1973:</b> All facilities.....	29,272	4,063	17,712	7,497	7,876	10,616	10,780	2,318	3,196
Nursing homes.....	21,834	1,319	16,712	3,803	7,383	8,081	6,370	1,198	636
Hospitals.....	7,438	2,744	1,000	3,694	493	2,535	4,410	1,120	2,560
<b>1976:</b> All facilities.....	27,739	4,055	16,339	7,345	6,111	9,868	11,760	2,343	3,498
Nursing homes <sup>3</sup> .....	20,468	1,402	15,343	3,723	5,675	7,531	7,262	1,293	653
Hospitals.....	7,271	2,653	996	3,622	436	2,337	4,498	1,050	2,845
<b>1978:</b> All facilities.....	25,881	3,821	14,981	7,079	5,810	8,574	11,497	2,257	3,638
Nursing homes.....	18,722	1,214	14,023	3,485	5,414	6,306	7,002	1,240	664
Hospitals.....	7,159	2,607	958	3,594	396	2,268	4,495	1,017	2,974
<b>1979:</b> All hospitals <sup>4</sup> .....	7,085	2,576	942	3,567	381	2,233	4,471	1,016	3,041
General.....	6,209	2,177	737	3,295	336	1,978	3,895	796	2,674
Psychiatric.....	500	281	129	90	15	122	363	171	259
Chronic.....	58	39	4	15	-	8	50	17	24
Tuberculosis.....	12	10	-	2	-	1	11	1	3

- Represents zero. NA Not available. <sup>1</sup> Number of residents as of date of interview, except as noted.<sup>2</sup> Average daily patients. <sup>3</sup> See footnote 2, table 183. <sup>4</sup> Includes types not shown below.Source: U.S. National Center for Health Statistics, *Health Resources Statistics*, annual; beginning 1976, biennial.

## NO. 174. NONGOVERNMENT HEALTH SERVICE ESTABLISHMENTS: 1977

[Tax-exempt establishments without payroll were excluded from Census coverage. See Appendix III, section 30]

TYPE OF ESTABLISHMENT	ALL ESTABLISHMENTS			ESTABLISHMENTS WITH PAYROLL			
	Number (1,000)		Receipts (mil. dol.)	Num- ber (1,000)	Receipts or ex- penses <sup>1</sup> (mil. dol.)	Payroll (mil. dol.)	Paid employ- ees <sup>2</sup> (1,000)
	Total	Sole proprietorships					
<b>Total establishments.....</b>	(NA)	(NA)	(X)	<b>291.0</b>	(X)	<b>45,594</b>	<b>4,455</b>
Taxable.....	<sup>3</sup> 444.1	<sup>3</sup> 317.7	<sup>3</sup> 59,130	278.7	55,508	22,745	2,024
Tax-exempt.....	(NA)	(NA)	(NA)	12.3	43,961	22,849	2,431
Offices of physicians <sup>4</sup> .....	189.1	118.3	28,756	136.2	26,949	11,854	624
Offices of dentists <sup>4</sup> .....	99.3	76.0	10,007	82.7	9,529	3,044	284
Offices of osteopathic physicians <sup>4</sup> .....	5.9	3.7	776	5.2	755	308	20
Offices of chiropractors <sup>4</sup> .....	14.3	13.0	680	7.6	536	110	16
Offices of optometrists <sup>4</sup> .....	16.6	13.3	1,552	12.1	1,398	289	32
Offices of health practitioners, n.e.c. <sup>4 5</sup> .....	(NA)	(NA)	(NA)	7.3	606	213	21
Medical and dental laboratories <sup>4</sup> .....	15.7	8.1	2,459	10.7	2,347	960	88
Nursing and personal care facilities.....	(NA)	(NA)	(X)	13.1	(X)	4,753	865
Taxable.....	30.4	21.1	7,344	10.8	7,195	3,549	663
Tax-exempt.....	(NA)	(NA)	(NA)	2.3	2,216	1,203	202
Hospitals.....	(NA)	(NA)	(X)	4.6	(X)	22,126	2,301
Taxable.....	1.0	(Z)	4,744	1.0	4,744	1,793	203
Tax-exempt.....	(NA)	(NA)	(NA)	3.6	39,197	20,333	2,098
Outpatient care facilities.....	(NA)	(NA)	(X)	7.4	(X)	1,341	119
Taxable.....	(NA)	(NA)	(NA)	3.2	997	423	34
Tax-exempt.....	(NA)	(NA)	(NA)	4.2	1,805	918	85
Health and allied services, n.e.c. <sup>4 5</sup> .....	(NA)	(NA)	(NA)	2.0	453	203	39
Other tax-exempt health services.....	(NA)	(NA)	(NA)	2.2	743	395	46

NA Not available. X Not applicable. Z Fewer than 50.

<sup>1</sup> Data for taxable establishments are receipts and for tax-exempt establishments with payroll, expenses. <sup>2</sup> For week including March 12.<sup>3</sup> Includes establishments with no paid employees which could not be assigned to a specific industry code. <sup>4</sup> Taxable establishments only. Data for tax-exempt establishments with payroll in this type of establishment are included in "other tax-exempt health services". <sup>5</sup> N.e.c.=Not elsewhere classified.Source: U.S. Bureau of the Census, *Census of Service Industries, 1977, Geographic Area Series*, SC 77-A-53.

**NO. 175. HOSPITALS—SUMMARY CHARACTERISTICS, BY TYPE OF SERVICE AND CONTROL:  
1960 TO 1979**

[Covers hospitals accepted for registration by American Hospital Association; see text, pp. 97 and 98. Short-term hospitals have an average patient stay of less than 30 days, long-term, an average stay of longer duration. Special hospitals include obstetrics and gynecology; eye, ear, nose, and throat; rehabilitation; orthopedic; and chronic and other special hospitals except psychiatric, tuberculosis, alcoholism, and chemical dependency hospitals. See also *Historical Statistics, Colonial Times to 1970*, series B 305-318, B 331-344, and B 413-422]

ITEM	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979
<b>Number:</b>										
All hospitals.....	6,876	7,123	7,123	7,123	7,174	7,156	7,082	7,099	7,015	6,988
With 100 beds or more.....	2,903	3,153	3,488	3,566	3,665	3,691	3,723	3,757	3,750	3,749
Non-Federal.....	6,441	6,680	6,715	6,726	6,787	6,774	6,702	6,722	6,645	6,627
Short-term general and special.....	5,407	5,736	5,859	5,891	5,977	5,979	5,956	5,973	5,935	5,923
Nongovernmental nonprofit.....	3,291	3,426	3,386	3,320	3,381	3,364	3,368	3,371	3,360	3,350
For profit.....	856	857	789	757	775	775	752	751	732	727
State and local government.....	1,260	1,453	1,704	1,814	1,821	1,840	1,836	1,851	1,843	1,846
Long-term general and special.....	308	283	236	229	221	215	197	189	169	165
Psychiatric.....	488	483	519	543	543	544	528	541	526	527
Tuberculosis.....	238	178	101	63	46	36	21	19	15	12
Federal.....	435	443	408	397	387	382	380	377	370	361
<b>Beds (1,000):</b>										
All hospitals.....	1,658	1,704	1,616	1,535	1,513	1,466	1,434	1,407	1,381	1,372
Rate per 1,000 population <sup>1</sup> .....	9.3	8.9	8.0	7.3	7.2	6.9	6.7	6.5	6.3	6.2
Beds per hospital.....	241	239	227	215	211	205	202	198	196	196
Non-Federal.....	1,481	1,530	1,455	1,392	1,377	1,334	1,305	1,284	1,259	1,255
Short-term general and special.....	639	741	848	903	931	947	961	974	980	988
Rate per 1,000 population <sup>1</sup> .....	3.6	3.9	4.2	4.3	4.4	4.4	4.5	4.5	4.5	4.5
Nongovernmental nonprofit.....	446	515	592	629	650	659	671	680	684	690
For profit.....	37	47	53	63	70	73	76	80	81	83
State and local government.....	156	179	204	211	211	215	214	214	215	214
Long-term general and special.....	67	66	60	57	54	51	49	45	41	40
Psychiatric.....	722	685	527	422	383	330	291	261	235	224
Tuberculosis.....	52	37	20	10	8	6	4	3	3	2
Federal.....	177	174	161	142	136	132	129	124	122	117
<b>Occupancy rate:<sup>2</sup></b>										
All hospitals.....	84.6	82.3	80.3	77.5	77.2	76.7	76.0	75.8	75.5	76.1
Non-Federal.....										
Short-term general and special.....	74.7	76.0	78.0	75.4	75.3	74.8	74.4	73.6	73.5	73.8
Nongovernmental nonprofit.....	76.6	77.8	80.1	77.8	77.8	77.4	77.1	76.3	76.1	76.5
For profit.....	65.4	68.6	72.2	68.3	67.5	65.9	64.8	64.6	63.8	63.9
State and local government.....	71.6	72.8	73.2	70.6	70.2	69.7	69.2	68.3	68.7	69.1
Long-term general and special.....	86.9	85.3	82.0	82.1	82.5	82.1	82.7	84.3	84.0	86.1
Psychiatric.....	93.1	88.6	84.8	81.1	80.0	80.3	79.1	80.7	80.9	83.2
Tuberculosis.....	75.4	70.0	61.8	61.9	63.2	57.7	57.8	60.4	59.9	61.8
Federal.....	87.2	86.1	79.6	79.0	80.7	80.7	79.3	79.6	78.4	78.2
<b>Expenses (bil. dol.):<sup>3</sup></b>										
All hospitals.....	8.4	12.9	25.6	36.3	41.4	48.7	56.0	63.6	70.9	79.8
Non-Federal.....	7.3	11.4	23.1	32.8	37.4	44.2	50.7	57.5	64.2	72.5
Short-term general and special.....	5.6	9.1	19.6	28.5	32.8	39.1	45.4	51.8	58.3	66.2
Nongovernmental nonprofit.....	4.1	6.6	14.2	20.4	23.5	28.0	32.8	37.5	42.3	48.0
For profit.....	3	5	1.1	1.7	2.0	2.6	3.1	3.7	4.2	4.8
State and local government.....	1.2	2.0	4.3	6.4	7.2	8.6	9.5	10.6	11.9	13.4
Long-term general and special.....	3	4	6	8	9	10	1.1	1.1	1.1	1.1
Psychiatric.....	1.2	1.7	2.7	3.4	3.7	4.0	4.2	4.5	4.7	5.1
Tuberculosis.....	2	2	2	1	1	1	1	1	1	1
Federal.....	1.1	1.6	2.5	3.5	4.0	4.5	5.3	6.2	6.7	7.3
<b>Personnel (1,000):<sup>4</sup></b>										
All hospitals.....	1,598	1,952	2,537	2,769	2,919	3,023	3,108	3,213	3,280	3,382
Non-Federal.....	1,412	1,754	2,321	2,530	2,675	2,766	2,839	2,935	3,002	3,109
Short-term general and special.....	1,080	1,386	1,929	2,149	2,289	2,399	2,483	2,581	2,662	2,762
Nongovernmental nonprofit.....	792	1,011	1,387	1,535	1,634	1,714	1,793	1,863	1,927	2,000
For profit.....	48	70	97	117	133	139	147	159	165	174
State and local government.....	241	306	444	497	522	546	543	559	571	588
Long-term general and special.....	55	65	69	67	69	68	66	63	58	61
Psychiatric.....	238	274	305	303	308	292	285	287	278	282
Tuberculosis.....	39	29	18	11	9	7	5	5	4	3
Federal.....	186	199	216	238	244	256	269	278	277	273
<b>Personnel per 100 patients:<sup>4</sup></b>										
All hospitals.....	114	139	196	233	250	269	285	301	315	324
Non-Federal.....	113	140	198	235	253	272	287	303	317	327
Short-term general and special.....	226	246	292	315	326	339	347	360	370	379
Nongovernmental nonprofit.....	232	252	292	314	323	336	346	359	370	379
For profit.....	196	218	256	272	283	288	297	307	319	326
State and local government.....	215	234	298	333	351	365	367	382	387	398
Long-term general and special.....	95	115	140	145	154	162	163	167	168	174
Psychiatric.....	35	45	68	88	100	110	124	136	147	151
Tuberculosis.....	99	111	146	168	184	216	225	227	246	252
Federal.....	120	133	169	212	223	240	263	282	290	298

<sup>1</sup> Based on Bureau of the Census estimated resident population as of July 1.

<sup>2</sup> Ratio of average daily census to every 100 beds.

<sup>3</sup> Excludes new construction.

<sup>4</sup> Includes full-time equivalents of part-time personnel.

Source: American Hospital Association, Chicago, Ill., *Hospital Statistics*, annual. (Copyright.)



## NO. 176. HOSPITAL EXPENSE PER PATIENT DAY: 1960 TO 1979

[In dollars, except percent. For definitions, see headnote, table 175. See also *Historical Statistics, Colonial Times to 1970*, series B 389-400]

EXPENSE BY HOSPITAL TYPE	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979
<b>Total expense</b> .....	<b>16</b>	<b>25</b>	<b>54</b>	<b>74</b>	<b>84</b>	<b>97</b>	<b>119</b>	<b>141</b>	<b>163</b>	<b>187</b>	<b>210</b>
Annual percent change <sup>1</sup> .....	7.9	9.0	16.4	17.0	13.2	16.2	22.1	18.4	16.4	15.6	12.3
Non-Federal:											
Short-term, general and special.....	32	44	81	105	115	128	151	174	198	222	249
Long-term, general and special.....	13	20	36	44	47	53	63	71	77	83	91
Psychiatric.....	5	8	17	23	27	33	41	50	58	68	75
Tuberculosis.....	13	17	34	42	48	54	76	84	96	112	128
Federal.....	20	29	53	75	86	99	117	142	172	193	217
<b>Payroll expense</b> .....	<b>11</b>	<b>17</b>	<b>33</b>	<b>44</b>	<b>49</b>	<b>56</b>	<b>66</b>	<b>76</b>	<b>87</b>	<b>98</b>	<b>109</b>
Percent of total.....	66.3	66.0	61.5	59.8	58.8	57.5	55.7	54.3	53.4	52.4	51.9
Non-Federal:											
Short-term, general and special.....	20	27	47	60	64	70	80	90	100	110	123
Long-term, general and special.....	9	14	24	30	32	35	40	44	48	52	55
Psychiatric.....	3	6	12	17	20	24	29	34	39	46	51
Tuberculosis.....	9	12	24	29	33	37	48	54	60	70	80
Federal.....	16	23	37	51	58	66	75	91	110	122	136

<sup>1</sup> For explanation of annual percent change, see Guide to Tabular Presentation. Average change from prior year shown; for 1960, change from 1955.

Source: American Hospital Association, Chicago, Ill., *Hospitals*, Guide Issue, annual; beginning 1972, *Hospital Statistics*, annual. (Copyright.)

## NO. 177. AVERAGE DAILY HOSPITAL ROOM CHARGES, 1976 TO 1981, AND AVERAGE COST TO COMMUNITY HOSPITALS PER PATIENT, 1975 AND 1979—STATES

[In dollars. Average daily room charges cover nongovernmental short-term general hospitals and represent average cost to patient for a semiprivate room. Average cost per day and average cost per stay cover non-Federal short-term general or special hospitals (excluding psychiatric or tuberculosis) and represent average cost to community hospitals per patient. Cost per patient based on total hospital expenses (payroll, employee benefits, professional fees, supplies, etc.)]

STATE	AVERAGE DAILY ROOM CHARGE			AVERAGE COST PER DAY <sup>2</sup>		AVERAGE COST PER STAY <sup>3</sup>		STATE	AVERAGE DAILY ROOM CHARGE			AVERAGE COST PER DAY <sup>2</sup>		AVERAGE COST PER STAY <sup>3</sup>	
	1976 <sup>1</sup>	1980 <sup>2</sup>	1981 <sup>2</sup>	1975	1979	1975	1979		1976 <sup>1</sup>	1980 <sup>2</sup>	1981 <sup>2</sup>	1975	1979	1975	1979
<b>U.S.</b> .....	<b>183</b>	<b>127</b>	<b>143</b>	<b>151</b>	<b>249</b>	<b>1,164</b>	<b>1,882</b>	Mo.....	71	107	124	129	220	1,059	1,813
Ala.....	62	96	113	114	199	831	1,401	Mont.....	75	113	131	111	168	711	1,324
Alaska.....	121	189	191	225	466	1,128	2,660	Nebr.....	68	100	114	117	193	945	1,546
Ariz.....	71	106	124	175	284	1,296	2,032	Nev.....	88	125	143	182	329	1,186	2,081
Ark.....	56	86	96	102	180	664	1,146	N.H.....	81	125	144	130	219	919	1,547
Calif.....	109	161	185	217	377	1,435	2,475	N.J.....	92	146	158	142	219	1,239	1,913
Colo.....	79	124	146	149	260	983	1,758	N. Mex.....	76	115	132	142	266	839	1,546
Conn.....	93	127	140	189	295	1,415	2,210	N.Y.....	105	157	166	189	270	1,875	2,617
Del.....	(NA)	125	148	163	254	1,350	2,113	N.C.....	53	87	96	115	192	872	1,427
D.C.....	(NA)	170	189	208	368	1,640	3,130	N. Dak.....	66	93	109	98	170	818	1,462
Fla.....	77	109	122	151	241	1,118	1,776	Ohio.....	89	139	150	139	243	1,140	1,914
Ga.....	63	92	113	139	219	889	1,397	Okl.....	63	101	115	129	229	862	1,506
Hawaii.....	82	127	140	152	264	1,049	1,979	Oreg.....	89	133	163	159	292	1,000	1,741
Idaho.....	73	110	129	121	215	765	1,315	Pa.....	88	132	156	143	244	1,214	2,023
								R.I.....	102	138	149	188	281	1,506	2,253
Ill.....	89	144	166	160	275	1,281	2,161	S.C.....	53	80	95	114	190	831	1,332
Ind.....	75	107	126	127	218	1,004	1,652	S. Dak.....	58	96	111	98	185	690	1,187
Iowa.....	72	107	123	110	200	856	1,472	Tenn.....	63	91	100	114	193	854	1,380
Kans.....	64	104	120	113	206	881	1,555	Tex.....	63	91	103	129	222	876	1,468
Ky.....	64	92	106	110	184	779	1,246	Utah.....	71	112	127	148	269	830	1,408
La.....	58	89	100	137	231	889	1,479	Vt.....	82	116	132	131	195	1,023	1,530
Maine.....	79	124	137	137	227	1,018	1,799	Va.....	68	101	115	122	211	979	1,678
Md.....	88	119	130	181	272	1,502	2,272	Wash.....	90	125	149	172	282	961	1,593
Mass.....	102	151	167	205	315	1,745	2,730	W. Va.....	66	110	123	109	208	832	1,383
Mich.....	97	151	162	166	281	1,362	2,210	Wis.....	72	104	121	128	220	1,047	1,800
Minn.....	71	105	118	122	197	1,073	1,784	Wyo.....	65	98	118	117	235	643	1,202
Miss.....	44	67	81	102	170	705	1,160								

NA Not available. <sup>1</sup> As of July. <sup>2</sup> As of January. <sup>3</sup> Source: American Hospital Association, Chicago, Ill., *Hospital Statistics*, annual. (Copyright.) <sup>4</sup> Includes Puerto Rico.

Source: Except as noted, Health Insurance Institute, Washington, D.C., *Source Book of Health Insurance Data*, annual. Data from Health Insurance Association of America, New York, N.Y.

## NO. 178. HOSPITAL FACILITIES—TOTAL, 1960 TO 1979, AND STATES AND PUERTO RICO, 1979

[Short-term hospitals have an average stay of less than 30 days. See also *Historical Statistics, Colonial Times to 1970*, series B 305-308 and B 359-362]

YEAR AND STATE OR OTHER AREA	HOSPITALS		BEDS (1,000)		PATIENTS ADMITTED (mil.)		AVERAGE DAILY CENSUS <sup>2</sup> (1,000)		OCCUPANCY RATE <sup>3</sup>		Personnel <sup>4</sup> (1,000)	Total outpatient visits (mil.)
	Total	Short-term <sup>1</sup>	Total	Short-term <sup>1</sup>	Total	Short-term <sup>1</sup>	Total	Short-term <sup>1</sup>	Total	Short-term <sup>1</sup>		
1960.....	6,876	5,407	1,658.0	639.1	25.0	23.0	1,401.9	477.4	84.6	74.7	1,598	(NA)
1965.....	7,123	5,736	1,703.5	741.3	28.8	26.5	1,402.6	563.4	82.3	76.0	1,952	125.8
1969.....	7,144	5,853	1,649.7	825.8	30.7	28.3	1,346.3	650.8	81.6	78.8	2,426	163.2
1970.....	7,123	5,859	1,615.8	848.2	31.8	29.3	1,297.7	661.5	80.3	78.0	2,537	181.4
1971.....	7,097	5,865	1,555.6	866.5	32.7	30.1	1,236.8	664.8	79.5	76.7	2,589	199.7
1972.....	7,061	5,843	1,549.7	883.7	33.3	30.8	1,208.9	664.1	78.0	75.2	2,671	219.2
1973.....	7,123	5,891	1,534.7	903.3	34.4	31.8	1,189.0	681.5	77.5	75.4	2,769	233.6
1974.....	7,174	5,977	1,512.7	931.2	35.5	32.9	1,187.4	701.3	77.2	75.3	2,919	250.5
1975.....	7,156	5,979	1,465.8	947.0	36.2	33.5	1,124.9	708.1	76.7	74.8	3,023	254.8
1976.....	7,082	5,956	1,433.5	961.2	36.8	34.1	1,089.7	714.8	76.0	74.4	3,108	271.0
1977.....	7,099	5,973	1,407.1	973.9	37.1	34.4	1,065.9	716.7	75.8	73.6	3,213	263.8
1978.....	7,015	5,935	1,380.6	979.7	37.2	34.6	1,041.9	719.9	75.5	73.5	3,280	263.6
1979, U.S.....	6,988	5,923	1,371.8	987.7	37.8	35.2	1,043.4	729.0	76.1	73.8	3,382	262.0
Ala.....	147	133	25.3	18.9	.8	.7	19.2	13.9	75.6	73.3	58	3.1
Alaska.....	26	16	1.7	.9	.1	(2)	1.0	.6	57.4	60.4	5	1.2
Ariz.....	80	60	11.7	8.9	.4	.3	8.3	6.6	72.7	73.8	35	3.8
Ark.....	96	91	12.7	10.4	.4	.4	9.0	7.2	70.5	69.2	29	1.6
Calif.....	608	518	114.4	83.5	3.3	3.1	80.1	55.2	70.0	66.1	315	27.4
Colo.....	99	85	15.0	11.6	.5	.4	10.4	7.7	69.0	66.2	40	3.8
Conn.....	66	40	18.4	11.0	.5	.4	14.6	8.6	79.3	78.6	48	4.3
Del.....	15	8	4.2	2.1	.1	.1	3.5	1.7	83.9	81.4	10	.8
D.C.....	17	12	8.6	4.7	.2	.2	7.3	3.6	85.1	77.5	28	2.6
Fla.....	251	216	56.5	45.1	1.7	1.6	41.2	31.6	72.9	70.2	136	8.3
Ga.....	189	162	31.1	22.6	1.0	.9	22.3	15.6	71.7	68.7	77	6.2
Hawaii.....	27	20	3.9	2.6	.1	.1	3.0	2.0	77.3	75.4	11	1.6
Idaho.....	51	47	3.7	3.3	.1	.1	2.5	2.2	66.4	65.4	9	.9
Ill.....	285	246	73.5	56.2	2.1	1.9	56.2	41.9	76.4	74.5	196	12.5
Ind.....	134	116	32.3	24.0	.9	.9	25.4	18.3	78.4	76.6	77	5.7
Iowa.....	141	131	21.5	16.07	.6	.6	14.7	11.1	68.4	66.4	44	2.6
Kans.....	164	147	18.4	13.7	.5	.4	13.1	9.3	71.2	67.6	4	3.3
Ky.....	121	108	18.6	15.0	.7	.6	14.3	11.6	76.9	77.2	45	3.6
La.....	158	141	25.1	18.7	.8	.7	17.6	12.9	70.0	69.1	59	5.2
Maine.....	52	48	7.1	5.1	.2	.2	5.3	3.8	75.4	74.5	18	1.5
Md.....	84	53	25.2	14.2	.6	.5	20.6	11.7	81.8	82.2	64	5.5
Mass.....	186	123	44.5	25.8	.9	.9	36.1	20.7	81.3	80.3	122	9.8
Mich.....	239	206	50.3	40.1	1.5	1.4	39.4	30.9	78.4	77.0	140	11.5
Minn.....	163	169	30.6	23.8	.7	.7	22.3	16.8	72.7	70.8	63	3.1
Miss.....	116	106	16.05	11.9	.5	.5	12.4	8.6	75.4	72.9	35	2.0
Mo.....	164	147	34.8	27.1	1.0	.9	26.0	20.1	74.6	74.1	86	5.4
Mont.....	67	60	5.03	4.5	.1	.1	3.4	2.8	64.1	2.3	10	.8
Nebr.....	109	98	11.9	9.6	.3	.3	8.0	6.3	67.6	65.1	25	1.6
Nev.....	25	19	3.3	2.8	.1	.1	2.2	1.9	68.2	67.1	9	1.0
N.H.....	33	29	4.7	3.5	.1	.1	3.5	2.5	74.1	70.4	12	1.5
N.J.....	135	105	43.7	30.3	1.1	1.0	36.0	24.7	82.3	81.6	99	7.5
N. Mex.....	54	37	6.1	3.9	.2	.2	4.3	2.5	70.8	65.6	16	2.4
N.Y.....	358	285	131.4	81.2	2.8	2.6	113.4	69.5	86.3	85.7	327	25.8
N.C.....	159	132	33.4	23.0	.9	.9	25.6	17.6	76.7	76.1	77	6.2
N. Dak.....	60	54	5.9	4.7	.1	.1	4.0	3.1	67.5	66.0	11	.6
Ohio.....	239	207	63.6	50.3	1.9	1.8	49.8	38.9	78.3	77.3	166	11.2
Okla.....	142	122	17.8	12.8	.5	.5	12.1	8.5	69.0	66.9	42	3.0
Oreg.....	85	78	11.6	8.9	.4	.4	8.2	5.9	70.4	66.3	29	2.1
Pa.....	314	250	86.4	56.2	2.0	1.9	68.5	43.6	79.3	77.5	202	18.3
R.I.....	21	14	6.02	3.4	.1	.1	5.3	2.9	86.2	84.4	17	1.2
S.C.....	89	75	16.9	11.1	.5	.4	12.8	8.3	76.1	74.7	37	3.7
S. Dak.....	69	56	5.6	3.7	.1	.1	3.6	2.1	64.1	57.9	10	.9
Tenn.....	167	148	31.4	23.9	1.0	.9	24.2	18.0	77.2	75.3	72	3.9
Tex.....	568	506	80.1	61.5	2.5	2.3	57.1	41.9	71.3	68.1	190	13.3
Utah.....	41	35	5.1	4.0	.2	.2	3.7	2.8	72.9	70.3	15	1.7
Vt.....	19	16	2.9	2.2	.1	.1	2.2	1.6	74.8	72.3	7	.6
Va.....	134	102	31.9	20.6	.8	.7	24.7	15.9	77.5	76.9	74	5.8
Wash.....	125	108	16.0	12.1	.6	.5	11.3	8.3	70.8	68.3	44	4.6
W. Va.....	78	66	14.1	10.2	.4	.4	10.9	7.7	77.2	75.4	31	2.3
Wis.....	167	145	28.7	23.3	.8	.7	21.1	16.6	73.5	71.2	67	4.4
Wyo.....	31	27	2.5	1.6	.1	.1	1.6	.9	62.2	54.7	5	.5
P.R.....	62	56	11.5	9.2	.4	.4	8.7	6.7	75.5	72.76	28	2.7

NA Not available. Z Fewer than 50,000. <sup>1</sup> Non-Federal hospitals. <sup>2</sup> Inpatients receiving treatment each day; excludes newborn. <sup>3</sup> Ratio of average daily census to every 100 beds. <sup>4</sup> Includes full-time equivalents of part-time personnel.

Source: American Hospital Association, Chicago, Ill., *Hospital Statistics*, annual. (Copyright.)

## No. 179. HOSPITAL UTILIZATION RATES, BY SEX AND AGE OF PATIENT: 1965 TO 1979

[Covers estimates of inpatients discharged from noninstitutional, short-stay hospitals, exclusive of Federal hospitals. Excludes newborn. Based on sample data collected from the National Hospital Discharge Survey, a sample survey of hospital records of patients discharged in year shown; subject to sampling variability]

YEAR AND PATIENT'S AGE CLASS (in years)	Patients discharged (1,000)	PATIENTS DISCHARGED PER 1,000 PERSONS <sup>1</sup>			DAYS OF CARE PER 1,000 PERSONS <sup>1</sup>			AVERAGE STAY (days)			Beds used per day <sup>2</sup>
		Total	Male	Female	Total	Male	Female	Total	Male	Female	
1965.....	28,792	152	121	180	1,186	1,018	1,339	7.8	8.4	7.4	325
1970.....	29,185	146	119	171	1,173	1,033	1,297	8.0	8.7	7.6	321
1971.....	29,459	146	120	170	1,143	1,004	1,269	7.8	8.4	7.5	313
1972.....	31,627	155	128	180	1,200	1,056	1,330	7.7	8.3	7.4	328
1973.....	32,125	156	129	181	1,212	1,066	1,345	7.8	8.3	7.4	332
1974.....	33,018	159	131	185	1,233	1,089	1,365	7.7	8.3	7.4	338
1975.....	34,043	163	134	190	1,255	1,104	1,395	7.7	8.2	7.4	344
1976.....	34,372	163	135	189	1,236	1,093	1,369	7.6	8.1	7.2	339
1977.....	35,902	169	140	196	1,237	1,095	1,369	7.3	7.8	7.0	339
1978.....	35,616	167	139	192	1,225	1,085	1,355	7.4	7.8	7.1	336
1979, total.....	36,747	170	141	197	1,224	1,080	1,358	7.2	7.7	6.9	335
Under 1.....	754	230	254	204	1,314	1,477	1,142	5.7	5.8	5.6	360
1-4.....	1,094	89	101	75	340	391	287	3.8	3.9	3.8	93
5-14.....	1,793	52	56	48	211	231	189	4.0	4.1	4.0	58
15-24.....	5,861	148	82	208	656	469	836	4.5	5.7	4.0	180
25-34.....	6,005	176	98	250	908	627	1,174	5.2	6.4	4.7	249
35-44.....	3,621	147	121	171	957	848	1,056	6.5	7.0	6.2	262
45-64.....	8,532	196	193	199	1,604	1,563	1,642	8.2	8.1	8.3	440
65 and over.....	9,086	389	411	374	4,183	4,287	4,112	10.8	10.4	11.0	1,146

<sup>1</sup> Total civilian noninstitutional population.

<sup>2</sup> Average daily number of beds occupied per 100,000 civilian noninstitutional population.

## No. 180. SURGICAL OPERATIONS IN SHORT-STAY HOSPITALS: 1971 TO 1979

[Excludes newborn infants and discharges from Federal hospitals. See headnote, table 179]

SEX AND TYPE OF OPERATION	NUMBER OF OPERATIONS (mil.)						RATE PER 1,000 POPULATION <sup>1</sup>					
	1971	1973	1975	1977	1978	1979	1971	1973	1975	1977	1978	1979
<b>Total<sup>2</sup></b> .....	15.77	18.43	20.04	21.16	20.75	23.86	78.1	89.5	95.6	99.7	97.0	110.5
<b>Male<sup>3</sup></b> .....	6.16	6.94	7.37	7.96	7.83	8.18	63.3	69.9	73.2	77.8	75.9	78.5
Operations on the musculoskeletal system.....	1.07	1.22	1.34	1.49	1.47	1.53	11.0	12.3	13.3	14.5	14.2	14.7
Operations on the cardiovascular system.....	.30	.41	.52	.67	.71	.70	3.1	4.1	5.2	6.5	6.9	6.7
Biopsy.....	.24	.30	.35	.41	.45	.51	2.5	3.0	3.5	4.0	4.3	4.9
Repair of inguinal hernia.....	.44	.46	.48	.47	.45	.45	4.5	4.7	4.8	4.6	4.3	4.3
Operations on the eye.....	.25	.30	.33	.37	.37	.40	2.6	3.0	3.3	3.6	3.6	3.8
Prostatectomy.....	.21	.25	.27	.30	.30	.29	2.1	2.5	2.6	2.9	2.9	2.8
Tonsillectomy with or without adenoidectomy.....	.45	.40	.30	.27	.23	.22	4.6	4.0	2.9	2.6	2.2	2.1
Cardiac catheterization.....	.06	.10	.13	.19	.21	.20	.6	1.0	1.2	1.8	2.0	1.9
Appendectomy, excl. incidental.....	.16	.18	.16	.18	.15	.16	1.7	1.8	1.6	1.8	1.5	1.6
<b>Female<sup>2,3</sup></b> .....	9.59	11.48	12.66	13.20	12.92	15.68	91.5	107.8	117.0	120.2	116.8	140.4
Operations on the female genital organs.....	2.79	3.57	3.89	4.00	3.82	4.23	26.6	33.5	36.0	36.4	34.6	37.9
Diagnostic dilation and curettage of uterus.....	.77	.93	.98	1.00	.97	.94	7.3	8.8	9.0	9.1	8.7	8.4
Hysterectomy.....	.57	.69	.73	.71	.64	.64	5.4	6.5	6.7	6.4	5.8	5.7
Bilateral destruction or occlusion of Fallopian tubes.....	.21	.30	.37	.59	.55	.61	2.0	2.8	3.4	5.3	5.0	5.5
Obstetrical procedures <sup>2</sup> .....	.97	1.08	1.25	1.41	1.47	3.47	9.3	10.1	11.6	12.9	13.3	31.1
Cesarean section.....	.19	.25	.33	.46	.51	.60	1.9	2.3	3.0	4.1	4.6	5.4
Operations on the musculoskeletal system.....	.88	1.13	1.26	1.37	1.36	1.38	8.4	10.6	11.6	12.5	12.3	12.4
Biopsy.....	.52	.62	.75	.77	.73	.82	4.0	5.8	7.0	7.0	6.6	7.3
Operations on the eye.....	.31	.36	.42	.47	.51	.55	2.9	3.4	3.9	4.3	4.6	4.9
Cholecystectomy.....	.29	.32	.34	.33	.32	.33	2.7	3.0	3.1	3.0	2.9	2.9
Tonsillectomy with or without adenoidectomy.....	.52	.49	.39	.35	.32	.29	5.0	4.6	3.6	3.2	2.9	2.6
Appendectomy, excl. incidental.....	.15	.16	.16	.16	.15	.15	1.5	1.5	1.5	1.4	1.3	1.3

<sup>1</sup> Based on Bureau of the Census estimated civilian noninstitutional population as of July 1.

<sup>2</sup> Beginning 1979 includes some obstetrical procedures for inducing or assisting delivery which were excluded prior to 1979.

<sup>3</sup> Includes types of operations not shown separately.

Source of tables 179 and 180: U.S. National Center for Health Statistics, *Vital and Health Statistics*, series 13 publications.

## NO. 181. HOSPITAL USE RATES, BY TYPE OF HOSPITAL: 1960 TO 1979

[See also *Historical Statistics, Colonial Times to 1970*, series B 384-387]

TYPE OF HOSPITAL	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979
<b>Non-Federal short-term:</b> <sup>1</sup>										
Admissions per 1,000 population <sup>2</sup>	128	137	140	153	157	156	160	160	160	160
Admissions per bed	36	36	34	35	35	35	35	35	35	36
Average length of stay <sup>3</sup> (days)	7.4	7.7	8.2	7.8	7.8	7.7	7.7	7.6	7.6	7.6
Outpatient visits per admission	(NA)	(NA)	4.5	5.6	5.9	5.9	6.1	5.9	6.0	6.0
Outpatient visits per 1,000 population <sup>2</sup>	(NA)	(NA)	641	860	929	929	975	951	953	926
Surgical operations (million)	(NA)	(NA)	(NA)	15.4	16.2	16.7	16.9	17.2	17.2	18.3
Number per admission	(NA)	(NA)	(NA)	.5	.5	.5	.5	.5	.5	.5
<b>Psychiatric:</b>										
Admissions per 1,000 population <sup>2</sup>	2.3	2.9	3.3	3.1	3.2	3.2	3.1	3.0	2.7	2.9
Days in hospital per 1,000 population <sup>2</sup>	1,491	1,261	862	641	574	495	429	390	320	341

NA Not available. <sup>1</sup> General and special; excludes psychiatric and tuberculosis. Short-term hospitals have an average patient stay of less than 30 days. <sup>2</sup> Based on Bureau of the Census estimated resident population as of July 1. <sup>3</sup> Number of inpatient days divided by number of admissions.

Source: American Hospital Association, Chicago, Ill., *Hospital Statistics*, annual (copyright), and unpublished data.

## NO. 182. LONG-TERM CARE INSTITUTIONS—SUMMARY: 1976

[Residents in thousands. Covers residential care facilities with an average stay of 30 days or more. Based on sample survey; for details, see source. Data differ from tables 173 and 183-185, which list each facility with a separate license as a separate institution. For data shown here, a facility was counted as a separate institution for each type of care provided. Resident is any person who was on the patient roster and who was living at the institution or for whom a bed was being held]

CHARACTERISTIC	Total <sup>1</sup>	Nursing homes	Psychiatric <sup>2</sup>	Mentally handicapped <sup>3</sup>	CHARACTERISTIC	Total <sup>1</sup>	Nursing homes	Psychiatric <sup>2</sup>	Mentally handicapped <sup>3</sup>
<b>Institutions, total</b> ...	<b>23,608</b>	<b>18,261</b>	<b>1,567</b>	<b>1,705</b>	<b>Residents, total</b> <sup>4</sup> .....	<b>1,550</b>	<b>1,183</b>	<b>65</b>	<b>189</b>
Facilities with—					Male.....	597	378	46	110
1-99 beds.....	18,778	14,254	1,439	1,433	Female.....	948	803	18	78
100-349 beds.....	4,518	3,914	105	128	White.....	1,410	1,101	49	169
350 or more beds.....	312	93	23	144	Black and other.....	135	80	15	20
<b>Ownership:</b>					<b>Under 18 yrs. old</b> .....	<b>152</b>	<b>9</b>	<b>28</b>	<b>56</b>
Government.....	1,889	872	243	274	18-64 yrs. old.....	334	154	32	125
Proprietary.....	12,429	11,213	130	788	65 yrs. old and over.....	1,028	989	5	6
Private nonprofit.....	9,290	6,177	1,194	643					

<sup>1</sup> Includes other facilities, not shown separately. <sup>2</sup> Facilities for the emotionally disturbed and residential treatment or rehabilitation centers for alcoholics and drug abusers. <sup>3</sup> Facilities for mentally retarded and other neurologically handicapped persons. <sup>4</sup> Includes not reported, not shown separately.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-23, No. 69.

## NO. 183. NURSING AND RELATED CARE FACILITIES: 1963 TO 1980

[Count of nursing and related care homes based on National Master Facility Inventory compiled by the U.S. National Center for Health Statistics; see Appendix III]

ITEM	Unit	1963	1967	1970	1971	1973	1975	1976	1978	1979	1980
<b>Nursing and related care:</b> <sup>1</sup>											
Facilities.....	Number.....	16,701	19,141	(NA)	22,004	21,834	(NA)	<sup>2</sup> 20,468	<sup>3</sup> 18,722	(NA)	(NA)
Beds.....	1,000.....	569	837	(NA)	1,202	1,328	(NA)	<sup>2</sup> 1,415	<sup>3</sup> 1,349	(NA)	(NA)
Resident patients.....	1,000.....	491	756	(NA)	1,076	1,198	(NA)	<sup>2</sup> 1,293	<sup>3</sup> 1,240	(NA)	(NA)
Personnel employed <sup>4</sup> .....	1,000.....	242	383	(NA)	568	636	(NA)	<sup>2</sup> 653	<sup>3</sup> 664	(NA)	(NA)
Per 1,000 patients.....	Rate.....	491	507	(NA)	528	531	(NA)	<sup>2</sup> 505	<sup>3</sup> 535	(NA)	(NA)
<b>Skilled nursing facilities</b> <sup>5</sup> .....	<b>Number.....</b>	<b>(X)</b>	<b>4,154</b>	<b>4,646</b>	<b>4,277</b>	<b>3,970</b>	<b>3,926</b>	<b>3,922</b>	<b>4,745</b>	<b>4,958</b>	<b>5,047</b>
Beds.....	1,000.....	(X)	291	333	307	287	287	309	408	420	436
Per 1,000 Medicare enrollees <sup>6</sup> .....	Rate.....	(X)	15.2	16.6	15.1	13.5	13.0	13.7	17.3	17.4	<sup>7</sup> 17.7

NA Not available. X Not applicable. <sup>1</sup> Places providing some form of nursing, personal, or domiciliary care; standards vary widely among States. Includes skilled nursing facilities. <sup>2</sup> Some changes in data beginning 1976 may be due to dependence on State collection; see Appendix III. <sup>3</sup> Includes 1976 data for California, District of Columbia, New York, and North Carolina. <sup>4</sup> Full-time employees only. <sup>5</sup> Source: Through 1976, U.S. Social Security Administration, *Health Insurance Statistics* and unpublished data. Beginning 1978, U.S. Health Care Financing Administration, *Medicare: Participating Health Facilities, 1979; Medicare Participating Providers and Suppliers of Health Services, 1980*; and unpublished data. Covers facilities and beds certified for participation under Medicare as of mid-year. Includes facilities which have transfer agreements with one or more participating hospitals, and are engaged primarily in providing skilled nursing care and related services for the rehabilitation of injured, disabled, or sick persons. <sup>6</sup> Based on number of aged persons residing in United States who were enrolled in the Medicare hospital insurance program as of July 1 of year stated. <sup>7</sup> Preliminary.

Source: Except as noted, U.S. National Center for Health Statistics, *Health Resources Statistics*, annual; beginning 1976, biennial.

**No. 184. NURSING AND PERSONAL CARE HOMES—SELECTED CHARACTERISTICS OF HOMES AND RESIDENTS, AND PRIMARY SOURCES OF PAYMENT: 1964 TO 1977**

[In thousands except as indicated. Data based on periodic surveys; for details, see source]

CHARACTERISTIC	1964	1969	1973- 1974 <sup>1</sup>	1977 <sup>2</sup>	CHARACTERISTIC	1964	1969	1973- 1974 <sup>1</sup>	1977 <sup>2</sup>
<b>Estimated number of homes</b> .....	17.3	18.4	15.7	18.9	<b>Total residents</b> .....	554	815	1,076	1,303
By type of ownership:					White .....	(NA)	779	1,010	1,201
Proprietary .....	14.2	14.2	11.9	14.5	Black and other .....	(NA)	37	65	102
Nonprofit .....	2.2	2.8	2.7	3.4	Under 65 years .....	66	93	114	177
Government .....	1.0	1.4	1.2	1.0	65 and over .....	488	722	962	1,126
Less than 50 beds .....	14.2	11.7	6.4	8.0	Percent of total .....	88.0	88.6	89.4	86.4
50-99 beds .....	2.1	4.6	5.5	5.8	Male .....	194	252	318	375
100 beds or more .....	1.0	2.1	3.8	5.1	Under 65 years .....	36	45	52	81
Beds, total .....	600	881	1,175	1,402	65 and over .....	158	207	266	294
Average per home .....	35	48	75	71	Percent of male .....	81.3	82.2	83.5	78.3
Per 1,000 persons 65 and older .....	33.6	45.2	55.2	59.7	65-74 years .....	40	51	65	80
Employment <sup>3</sup> .....	258	484	713	848	75-84 years .....	74	91	102	122
Per 100 residents .....	46.6	59.4	66.3	49.7	85 and over .....	43	64	98	92
Residents, total .....	554	815	1,076	1,303	Female .....	360	563	758	928
Percent, by primary source of payment:					Under 65 years .....	30	48	62	96
Medicare .....	(x)	3.4	1.1	2.0	65 yr. and over .....	330	515	696	832
Medicaid .....	(x)	13.3	47.9	47.8	Percent of female .....	91.6	91.5	91.8	90.0
Public assistance .....	47.0	36.5	11.4	6.4	65-74 years .....	64	86	98	131
Other .....	54.0	46.9	39.7	43.8	75-84 years .....	157	232	283	343
					85 and over .....	109	198	315	358

NA Not available. X Not applicable. <sup>1</sup> Excludes personal care homes without nursing. <sup>2</sup> Includes domiciliary care homes. <sup>3</sup> Full-time equivalent. <sup>4</sup> Data from 1968 Nursing Home Survey. <sup>5</sup> Excludes clerical and office staff; and food service, housekeeping, and maintenance workers.

Source: U.S. National Center for Health Statistics, *Vital and Health Statistics*, series 12 and 13, and unpublished data.

**No. 185. NURSING AND RELATED CARE FACILITIES, BY STATES: 1971 AND 1978**

[Data are for places providing some form of nursing, personal, or domiciliary care; standards vary widely among States. Based on National Master Facility Inventory; see Appendix III]

STATE	FACILITIES		BEDS (1,000)		RESIDENT PATIENTS (1,000)		STATE	FACILITIES		BEDS (1,000)		RESIDENT PATIENTS (1,000)	
	1971	1978	1971	1978	1971	1978		1971	1978	1971	1978	1971	1978
<b>U.S.</b> .....	<b>22,004</b>	<b>18,722</b>	<b>1,202</b>	<b>1,349</b>	<b>1,076</b>	<b>1,240</b>	Miss .....	134	96	7.1	10.2	6.2	9.6
Ala .....	192	204	13.4	19.2	12.3	18.0	Mo. 2 .....	494	824	32.0	40.6	28.5	36.9
Alaska .....	8	12	.7	1.1	.5	.8	Mont. .....	103	67	4.5	4.3	4.1	4.0
Ariz. 2 .....	82	84	5.2	6.8	4.6	6.3	Nebr. 2 .....	253	214	15.1	16.6	13.7	15.2
Ark .....	218	179	15.1	16.6	13.8	15.6	Nev. .....	43	29	1.4	1.7	1.2	1.6
Calif .....	4,277	3,500	146.0	138.2	121.5	124.5	N.H. .....	140	96	5.5	6.6	5.0	6.2
Colo. 2 .....	212	190	16.4	19.2	14.9	17.8	N.J. .....	548	487	30.8	37.5	27.7	35.2
Conn .....	380	286	21.9	20.2	20.6	18.8	N. Mex. ....	60	43	3.3	2.6	2.6	2.4
Del .....	34	27	1.9	2.5	1.7	2.4	N.Y. ....	1,096	1,027	81.1	104.5	76.3	97.3
D.C. ....	73	70	2.8	2.9	2.5	2.5	N.C. 2 .....	843	722	19.2	24.6	17.5	22.7
Fla .....	373	346	35.9	34.4	29.6	32.4	N. Dak. ....	109	79	6.2	5.1	5.9	4.9
Ga .....	283	278	22.8	29.8	20.8	27.8	Ohio .....	1,191	669	59.5	52.0	53.2	48.2
Hawaii .....	132	148	2.3	3.3	2.2	2.6	Okla .....	411	222	26.9	17.2	23.8	15.6
Idaho 2 .....	64	48	3.9	4.4	3.4	4.1	Oreg .....	311	184	17.2	11.7	16.0	10.8
Ill .....	1,046	557	66.9	61.5	61.1	55.5	Pa. 2 .....	753	609	57.7	79.9	52.5	74.1
Ind .....	522	476	32.5	41.0	29.0	36.9	R.I. 2 .....	185	112	6.5	8.0	6.1	7.3
Iowa .....	747	488	33.8	33.9	30.4	31.5	S.C. ....	118	161	7.5	9.4	6.6	8.7
Kans .....	480	283	21.9	19.8	20.0	18.2	S. Dak .....	153	138	7.0	8.6	6.6	8.1
Ky .....	344	237	18.6	17.6	16.5	16.1	Tenn. 2 .....	234	245	14.3	18.5	12.2	17.6
La .....	212	133	14.6	13.9	13.3	13.1	Tex. ....	937	966	70.8	82.6	60.8	77.1
Maine .....	288	353	7.4	10.7	6.8	9.9	Utah .....	142	72	4.8	4.4	4.4	4.1
Md .....	195	183	14.7	19.3	13.8	18.3	Vt. 2 .....	101	214	3.0	5.0	2.8	4.6
Mass. 2 .....	960	829	49.7	51.2	46.1	48.4	Va. 2 .....	335	330	15.7	21.0	14.1	20.0
Mich. 2 .....	562	563	43.3	60.2	40.2	56.2	Wash .....	385	504	28.6	34.9	25.2	32.6
Minn. 2 .....	593	495	41.1	44.4	38.0	42.6	W. Va. ....	124	125	3.9	6.1	3.5	5.8
							Wis. ....	490	490	37.6	51.1	34.0	47.7
							Wyo .....	34	28	1.7	2.0	1.6	1.9

<sup>1</sup> Includes 1976 data for Calif., D.C., N.Y., and N.C. <sup>2</sup> See footnote 2, table 183. <sup>3</sup> 1976 data.

Source: U.S. National Center for Health Statistics, *Health Resources Statistics*, biennial.

# NO. 186. PATIENT CARE EPISODES IN MENTAL HEALTH FACILITIES, BY TYPE OF TREATMENT FACILITY: 1955 TO 1977

["Patient care episodes" is defined as the number of residents in inpatient facilities or the number of persons on the rolls of outpatient facilities at the beginning of the year plus the total additions to both types of facilities during the year. Excludes private psychiatric office practice, psychiatric service modes of all types in hospitals or outpatient clinics of Federal agencies other than Veterans Administration (VA), inpatient service modes of multiservice facilities not shown in this table, all partial care episodes, and outpatient episodes of VA hospitals]

ITEM AND YEAR	All facilities	INPATIENT SERVICES					OUTPATIENT PSYCHIATRIC SERVICES			
		Total	Mental care hospitals		General <sup>2</sup>	VA	Community mental health centers <sup>3</sup>	Total	Community mental health centers <sup>3</sup>	Other
			State and county	Private <sup>1</sup>						
<b>Patient care episodes (1,000):</b>										
1955.....	1,675	1,296	819	123	266	88	(NA)	379	(NA)	379
1965.....	2,637	1,566	805	125	519	116	(NA)	1,071	(NA)	1,071
1971.....	4,038	1,721	748	127	543	177	130	2,317	623	1,694
1975.....	6,409	1,791	599	165	566	214	247	4,618	1,585	3,033
1977.....	6,640	1,817	574	184	572	218	269	4,823	1,742	3,081
<b>Percent distribution:</b>										
1955.....	100.0	77.4	48.9	7.3	15.9	5.3	(NA)	22.6	(NA)	22.6
1965.....	100.0	59.4	30.5	4.8	19.7	4.4	(NA)	40.6	(NA)	40.6
1971.....	100.0	42.6	18.5	3.1	13.4	4.4	3.2	57.4	15.4	42.0
1975.....	100.0	27.9	9.3	2.6	8.8	3.3	3.9	72.1	24.7	47.4
1977.....	100.0	27.4	8.6	2.8	8.6	3.3	4.1	72.6	26.2	46.4
<b>Rate per 100,000 population:</b>										
1955.....	1,028	795	502	76	163	54	(NA)	233	(NA)	233
1965.....	1,376	817	420	65	271	60	(NA)	559	(NA)	559
1971.....	1,981	847	365	66	266	87	64	1,134	305	829
1975.....	3,033	847	283	78	268	101	117	2,185	750	1,435
1977.....	3,079	842	266	85	265	101	125	2,236	808	1,429

NA Not available. <sup>1</sup> Includes estimates of episodes of care in residential treatment centers for emotionally disturbed children. <sup>2</sup> Hospitals (non-VA) with psychiatric inpatient units. <sup>3</sup> Federally funded.

Source: U.S. National Institute of Mental Health, *Statistical Note 139*, DHEW Publication, No. (ADM) 77-158, 1977, and unpublished data.

## NO. 187. RESIDENTIAL FACILITIES FOR THE MENTALLY RETARDED: 1960 TO 1980

[For years ending June 30. Mentally retarded people refers to those who have been so designated by State governments in the process of placing them into residential facilities]

ITEM	STATE-OPERATED FACILITIES <sup>1</sup>							Community facilities, <sup>3</sup> 1977
	1960	1965	1970	1975	1978 <sup>2</sup>	1979 <sup>2</sup>	1980 <sup>2</sup>	
Number of institutions.....	108	143	190	210	398	391	388	4,427
Resident patients, beginning of year.....	158,682	181,549	189,956	166,689	161,562	155,114	148,195	(NA)
Admissions <sup>4</sup> .....	14,701	17,300	14,985	13,424	14,286	17,308	5,663	17,398
Deaths in institutions.....	3,202	3,583	3,496	2,752	2,385	2,251	2,145	612
Live releases <sup>5</sup> .....	6,451	7,993	14,702	18,320	19,665	21,406	14,240	9,297
Resident patients, end of year.....	163,730	187,273	186,743	159,041	152,476	147,729	139,557	62,397
Rate per 100,000 population <sup>6</sup> .....	91.9	97.7	92.6	75.2	70.4	67.6	62.0	29.1
Average daily resident patients.....	163,282	189,172	187,897	161,061	148,453	140,407	135,490	(NA)
Maintenance expenditures per average daily resident patient (dollars): <sup>7</sup>								
Per year.....	1,650	2,335	4,635	11,315	18,360	20,849	(NA)	(NA)
Per day.....	5	6	13	31	50	57	63	<sup>8</sup> 16

NA Not available. <sup>1</sup> Data as submitted by many State agencies; figures reflect some estimates. Resident patients at the end of a year do not equal the number at the beginning of a succeeding year. Includes estimates for underreporting. <sup>2</sup> Includes data for 141 facilities in 1978, 135 facilities in 1979, and 136 facilities in 1980 operated as mental hospitals or other care facilities and which have at least 10 mentally retarded residents. The average daily number of mentally retarded residents in these facilities was 8,626 in 1978, 8,979 in 1979, and 6,940 in 1980. <sup>3</sup> A community-based living quarter which provides 24-hour, 7-days-a-week responsibility for room, board, and supervision of mentally retarded persons. Excludes single family homes providing services to a relative; nursing homes, boarding homes and foster homes not formally licensed or contracted as mental retardation service providers; and independent living programs which have no staff residing in facility. <sup>4</sup> Includes readmissions and excludes transfers. <sup>5</sup> 1960-1975, represents excess of patients released alive from hospital over those returning to hospital. Beginning 1978, total live releases. <sup>6</sup> Based on Bureau of the Census estimated civilian population as of July 1, except 1980, as of April 1. <sup>7</sup> Reporting facilities only, includes salaries and wages, purchased provisions, fuel, light, water, etc. <sup>8</sup> Represents average daily reimbursement rate.

Source: State-operated facilities: U.S. Office of Human Development Services, *Residents in Public Institutions for the Mentally Retarded*, annual, through 1970, and unpublished data; 1978-1980, Krantz, Bruininks, and Clumpner, *Mentally Retarded People in State-Operated Residential Facilities*, annual Bruininks Community Facilities: Hauber, and Kudja; *National Survey of Community Residential Facilities: A Profile of Facilities and Residents in 1977*, 1979.

## NO. 188. PATIENTS IN MENTAL HEALTH FACILITIES: 1977 AND 1980

[Additions comprise admissions and readmissions]

STATE	MENTAL CARE HOSPITALS, 1977 <sup>1</sup>				Outpatient psychiatric services, addi- tions, <sup>1 2</sup> 1977	General hospitals with psychiatric inpatient units, dis- charges, <sup>1 3</sup> 1977	STATE FACILITIES FOR MENTALLY RETARDED <sup>4</sup>			Communi- ty facilities, mentally retarded resi- dents, <sup>5 7</sup> 1977
	State and county		Private				Resi- dent pa- tients, <sup>5</sup> 1980	Total admis- sions, <sup>6</sup> 1980	Total live re- leases, <sup>6</sup> 1980	
	Resi- dent patients, end of year	Total addi- tions	Resi- dent pa- tients, end of year	Total addi- tions						
Facilities, number .....	297		189		1,873	843		252		4,427
U.S. ....	159,405	414,507	12,078	134,658	1,505,515	551,190	131,721	4,745	11,973	62,397
Alabama.....	2,196	3,378	156	3,212	8,974	8,625	1,821	51	180	207
Alaska.....	102	823	-	-	1,841	244	90	13	17	119
Arizona.....	642	1,494	86	1,714	19,954	5,766	631	3	62	343
Arkansas.....	351	2,305	-	-	4,586	2,677	1,529	24	116	215
California.....	6,981	23,582	1,374	20,980	190,772	53,875	9,015	283	692	6,870
Colorado.....	1,151	6,873	212	2,681	18,532	5,108	1,452	62	102	848
Connecticut.....	2,705	13,789	773	2,560	36,186	6,565	2,957	39	(NA)	947
Delaware.....	688	1,859	51	621	4,452	367	520	10	12	89
District of Columbia.....	2,344	5,209	146	1,414	10,538	4,022	982	-	7	40
Florida.....	6,108	8,498	521	9,289	43,739	26,905	3,592	42	537	2,342
Georgia.....	5,432	32,446	430	6,787	28,864	12,192	1,363	30	100	306
Hawaii.....	135	891	-	-	4,327	1,041	422	12	40	177
Idaho.....	190	645	-	-	1,429	990	378	12	27	266
Illinois.....	6,049	24,788	407	5,541	97,550	34,050	5,571	187	639	6,076
Indiana.....	4,019	7,896	39	531	21,488	12,959	2,589	95	189	479
Iowa.....	1,180	5,517	-	-	21,112	11,682	1,922	68	86	1,150
Kansas.....	1,253	4,032	230	587	25,344	8,290	1,318	79	139	1,089
Kentucky.....	886	3,471	307	4,556	8,359	7,500	946	93	157	950
Louisiana.....	2,099	8,772	293	2,639	13,769	6,350	3,393	336	203	1,256
Maine.....	663	1,510	-	-	1,374	438	443	14	66	629
Maryland.....	4,012	10,945	619	2,327	34,482	5,000	2,988	165	346	374
Massachusetts.....	4,270	11,937	659	7,507	60,060	10,537	4,460	-	46	1,848
Michigan.....	4,680	18,127	580	6,869	69,593	18,527	4,634	90	850	4,126
Minnesota.....	2,353	7,388	-	-	31,759	18,883	1,784	103	293	3,140
Mississippi.....	2,407	5,488	41	759	5,369	2,771	1,801	224	253	354
Missouri.....	3,804	18,392	81	1,375	29,723	13,448	2,266	1,037	2,081	2,663
Montana.....	490	1,166	-	-	-	1,390	296	8	31	438
Nebraska.....	692	4,121	-	-	6,206	4,124	687	7	50	937
Nevada.....	206	826	-	-	4,209	1,939	150	20	23	30
New Hampshire.....	784	1,249	43	616	8,138	873	679	1	7	105
New Jersey.....	6,799	12,550	381	4,060	39,115	13,552	7,280	71	44	789
New Mexico.....	312	1,329	45	677	6,573	755	523	32	56	206
New York.....	30,122	38,276	897	6,829	244,379	59,921	14,514	245	612	3,314
North Carolina.....	4,062	15,776	229	1,908	21,295	12,091	3,257	34	102	643
North Dakota.....	615	2,360	-	-	1,284	1,969	1,072	4	30	185
Ohio.....	6,868	17,454	433	4,773	72,123	32,797	5,478	27	400	2,485
Oklahoma.....	2,087	8,122	34	622	21,334	6,673	1,719	136	152	584
Oregon.....	1,467	6,439	18	233	25,741	5,940	1,745	34	70	811
Pennsylvania.....	12,235	6,496	976	11,988	69,072	24,592	7,569	117	999	6,102
Rhode Island.....	1,354	4,302	133	1,354	13,878	1,067	689	3	44	181
South Carolina.....	3,527	5,027	-	-	7,014	5,333	3,059	156	194	310
South Dakota.....	625	1,322	-	-	4,394	804	661	7	42	260
Tennessee.....	3,694	7,838	126	1,443	17,661	8,558	2,174	88	258	903
Texas.....	5,578	24,440	521	6,214	36,456	40,832	11,178	406	658	2,280
Utah.....	337	686	-	-	2,711	3,376	763	5	68	412
Vermont.....	356	630	111	483	1,316	397	321	6	22	220
Virginia.....	5,793	12,369	798	7,250	35,266	13,172	3,714	67	274	508
Washington.....	1,203	3,503	47	1,173	32,845	11,230	2,101	55	415	1,550
West Virginia.....	2,376	3,822	33	1,142	8,047	5,400	564	52	84	56
Wisconsin.....	747	3,539	268	1,944	29,522	15,573	2,163	86	87	2,084
Wyoming.....	276	830	-	-	2,760	-	498	6	11	101

- Represents zero. NA Not available. <sup>1</sup> Includes estimates for nonreporting facilities. <sup>2</sup> Excludes federally funded community mental health centers. <sup>3</sup> Non-Federal. <sup>4</sup> Source: Krantz, Bruininks, and Clumpler, *Mentally Retarded People in State-Operated Residential Facilities: Year Ending June 30, 1980*. Data from survey conducted for U.S. Office of Human Development Services. Excludes facilities operated as mental hospitals or other care facilities. <sup>5</sup> As of June 30. <sup>6</sup> For year ending June 30. <sup>7</sup> See footnote 3, table 187. Source: Bruininks, Hauber, and Kudla, *National Survey of Community Residential Facilities: A Profile of Facilities and Residents in 1977, 1979*.

Source: Except as noted, U.S. National Institute of Mental Health, unpublished data.

## NO. 189. DAYS OF DISABILITY, BY TYPE, AND BY SEX OF PATIENT: 1965 TO 1979

[1965, for year ending June 30; thereafter, calendar years. Refers to civilian noninstitutional population. Based on National Health Interview Survey; see Appendix III. For composition of regions, see fig. 1, inside front cover]

ITEM	TOTAL DAYS OF DISABILITY (millions)						DAYS PER PERSON					
	1965	1970	1975	1977	1978	1979	1965	1970	1975	1977	1978	1979
Restricted-activity days <sup>1</sup> .....	3,086	2,913	3,734	3,773	4,011	4,106	16.4	14.6	17.9	17.8	18.8	19.0
Male.....	1,339	1,273	1,574	1,518	1,679	1,755	14.7	13.2	15.6	15.8	16.3	16.9
Female.....	1,747	1,640	2,160	2,155	2,333	2,351	18.0	15.8	20.0	19.6	21.1	21.1
White.....	(NA)	2,526	3,179	3,230	3,421	3,468	(NA)	14.4	17.5	17.6	18.5	18.6
Black.....	(NA)	365	522	505	546	585	(NA)	16.2	21.4	20.1	21.3	22.9
Under 65 years.....	2,420	2,331	2,916	2,961	3,093	3,128	14.1	12.9	15.5	15.6	16.2	16.3
65 and over.....	666	582	818	812	918	978	38.5	30.7	38.4	36.5	40.3	41.9
Northeast.....	(NA)	709	819	839	876	834	(NA)	14.5	16.7	17.3	18.0	17.6
North Central.....	(NA)	691	888	948	974	998	(NA)	12.4	15.9	16.8	17.0	17.4
South.....	(NA)	996	1,253	1,257	1,356	1,401	(NA)	15.9	18.7	18.2	19.6	19.8
West.....	(NA)	518	774	730	806	872	(NA)	15.6	20.8	19.1	20.9	21.8
Family income: <sup>2</sup> .....												
Under \$5,000.....	(NA)	982	1,030	871	854	785	(NA)	23.3	32.4	33.2	35.7	37.5
\$5,000-\$9,999.....	(NA)	857	914	821	872	882	(NA)	12.8	20.2	21.2	24.2	26.8
\$10,000-\$14,999.....	(NA)	539	676	625	582	592	(NA)	11.5	14.4	15.3	15.8	17.4
\$15,000 and over.....	(NA)	331	863	1,102	1,314	1,467	(NA)	10.9	12.4	12.7	13.7	13.6
Bed-disability days <sup>3</sup> .....	1,160	1,222	1,371	1,458	1,524	1,455	6.2	6.1	6.6	6.9	7.1	6.7
Male.....	484	503	546	589	617	585	5.3	5.2	5.4	5.8	6.0	5.6
Female.....	677	720	825	869	907	870	7.0	6.9	7.6	7.9	8.2	7.8
Under 65 years.....	914	959	1,097	1,134	1,193	1,136	5.3	5.3	5.8	6.0	6.2	5.9
65 and over.....	246	263	274	324	331	319	14.2	13.8	12.9	14.5	14.5	13.7
Work-loss days <sup>4</sup> .....	400	417	433	450	486	483	5.7	5.4	5.2	5.0	5.2	5.0
Male.....	261	243	246	251	266	261	5.7	5.0	4.9	4.7	4.9	4.7
Female.....	139	175	187	199	220	222	5.6	5.9	5.7	5.3	5.7	5.4
School-loss days <sup>5</sup> .....	214	222	217	223	220	209	5.2	4.9	5.1	5.4	5.4	5.3
Male.....	103	108	103	109	104	101	4.9	4.7	4.8	5.2	5.1	5.0
Female.....	111	114	115	114	116	107	5.4	5.1	5.5	5.6	5.8	5.5

NA Not available. <sup>1</sup> A day when a person cuts down on his usual activities for the whole day because of illness or injury. Includes bed-disability, work-loss, and school-loss days. Total includes other items not shown separately.

<sup>2</sup> Excludes those with unknown income.

<sup>3</sup> A day when a person was kept in bed either all or most of the day because of illness or injury. Includes those work-loss and school-loss days actually spent in bed.

<sup>4</sup> A day when a person lost the entire workday because of illness or injury. Computed for persons 17 years of age and over in the currently employed population, defined as those who were working or had a job or business from which they were not on layoff during the 2-week period preceding the week of interview.

<sup>5</sup> Child's loss of entire school day because of illness or injury. Computed for children 6-16 years of age.

Source: U.S. National Center for Health Statistics, *Vital and Health Statistics*, series 10, and unpublished data.

## NO. 190. PERSONS INJURED, BY SEX, 1970 TO 1979, AND BY CIRCUMSTANCE, 1979

[Data refer to civilian noninstitutional population and comprise incidents leading to restricted activity and/or medical attention. Sum of estimates by type of circumstance may be greater than total injured because circumstances are not mutually exclusive. Based on National Health Interview Survey; see Appendix III. 1975 data not strictly comparable with other years]

YEAR	PERSONS INJURED (millions)			RATE PER 100 POPULATION			CIRCUMSTANCE	PERSONS INJURED (millions)			RATE PER 100 POPULATION			
	Total	Male	Female	Total	Male	Female		Total	Male	Female	Total	Male	Female	
1970 .....	56.0	31.8	24.2	28.0	33.0	23.3	1979 total .....	69.1	40.2	28.9	32.0	38.6	25.9	
1973 .....	60.0	34.8	25.2	29.1	35.0	23.7								
1974 .....	59.1	33.6	25.6	28.5	33.6	23.8								
1975 .....	71.9	39.4	32.5	34.4	39.1	30.0		While at work .....	12.0	9.3	2.7	5.6	8.9	2.4
1976 .....	65.4	37.1	28.3	31.1	36.5	26.0		Home .....	24.7	13.0	11.7	11.5	12.5	10.5
1977 .....	73.9	42.3	31.6	34.8	41.3	28.8		Motor vehicle .....	5.0	2.8	2.2	2.3	2.7	2.0
1978 .....	67.5	38.1	29.4	31.6	36.9	26.6		Other .....	30.1	17.2	12.9	14.0	16.5	11.6

Source: U.S. National Center for Health Statistics, *Vital and Health Statistics*, series 10, and unpublished data.



# NO. 191. PERCENT OF CHILDREN 1 TO 4 YEARS OLD IMMUNIZED AGAINST SPECIFIED DISEASES: 1965 TO 1980

[Covers civilian noninstitutional population. Based on a sample and subject to sampling variability; see source]

ITEM	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980		
										Total	White	Black and other
Children, 1-4 yr. (mil.).....	16.5	14.1	13.9	13.2	12.7	12.3	12.1	12.2	12.4	12.6	10.3	2.3
<b>Percent immunized against—</b>												
Diphtheria-tetanus-pertussis <sup>1</sup> (3 or more doses).....	73.9	76.1	72.6	73.9	75.2	71.4	69.5	68.0	69.0	66.3	70.7	46.7
Polio (3 or more oral doses).....	<sup>2</sup> 73.9	65.9	60.4	63.1	64.8	61.6	60.1	61.4	59.1	58.8	63.5	37.6
Measles.....	33.2	57.2	61.2	64.5	65.5	65.9	63.1	62.8	63.5	63.5	66.3	50.8
Rubella.....	(NA)	37.2	55.6	59.8	61.9	61.7	59.4	61.7	62.7	63.5	65.9	52.5
Mumps.....	(NA)	(NA)	34.7	39.4	44.4	48.3	48.1	51.1	55.4	56.6	59.2	44.9

NA Not available. <sup>1</sup> Pertussis also known as whooping cough. <sup>2</sup> Inactivated doses or oral doses.

Source: U.S. Centers for Disease Control, Atlanta, Ga., *United States Immunization Survey*, annual.

## NO. 192. SPECIFIED REPORTABLE DISEASES—CASES REPORTED: 1950 TO 1979

[Prior to 1960, excludes Alaska and Hawaii, except for tuberculosis. Figures should be interpreted with caution. Although reporting of some of these diseases is incomplete, the figures are of value in indicating trends of disease incidence. Includes cases imported from outside the U.S. See *Historical Statistics, Colonial Times to 1970*, series B 291-303, for related data]

DISEASE	1950	1955	1960	1965	1970	1975	1976	1977	1978	1979
Amebiasis.....	4,568	3,348	3,424	2,768	2,888	2,775	2,906	3,044	3,937	4,107
Aseptic meningitis.....	(NA)	(NA)	1,593	2,329	6,480	4,475	3,510	4,789	6,572	8,754
Botulism <sup>1</sup> .....	20	16	12	19	12	20	55	129	105	45
Brucellosis (undulant fever).....	3,510	1,444	751	262	213	310	296	232	179	215
Chickenpox (1,000).....	(NA)	(NA)	(NA)	(NA)	(NA)	154.2	184.0	188.4	154.1	199.1
Diphtheria.....	5,796	1,984	918	164	435	307	128	84	76	59
Encephalitis: Primary infectious <sup>2</sup> .....	1,135	2,166	2,341	981	1,580	4,064	1,651	1,414	1,351	1,199
Post infectious <sup>2</sup> .....	2.8	32.0	41.7	33.9	8.3	237	175	119	78	67
Hepatitis: Serum (1,000).....	(NA)	(NA)	(NA)	(NA)	56.8	35.9	33.3	31.2	29.5	30.4
Infectious (1,000).....	(NA)	(NA)	(NA)	(NA)	7.2	7.5	8.6	8.8	10.5	10.5
Unspecified (1,000).....	44	75	54	96	129	162	145	151	168	185
Leprosy.....	30	24	53	84	47	93	73	71	110	94
Leptospirosis.....	2,184	522	72	147	3,051	373	471	547	731	894
Malaria.....	319.1	555.2	441.7	261.9	47.4	24.4	41.1	57.3	26.9	13.6
Measles (1,000).....	3,788	3,455	2,259	3,040	2,505	1,478	1,605	1,828	2,505	2,724
Meningococcal infections.....	(NA)	(NA)	(NA)	(NA)	105.0	59.6	38.5	21.4	16.8	14.2
Mumps (1,000).....	120.7	62.8	14.8	6.8	4.2	1.7	1.0	2.2	2.1	1.6
Pertussis <sup>3</sup> (1,000).....	3	-	2	8	13	20	16	18	12	13
Plague.....	33,300	28,985	3,190	72	33	8	14	18	15	34
Polio.....	26	334	113	60	35	49	78	94	140	137
Psittacosis.....	7,901	5,799	3,567	4,574	3,224	2,627	3,073	3,130	3,280	5,119
Rabies, animal.....	18	4	2	2	3	2	2	1	4	4
Rabies, human.....	(NA)	(NA)	9,022	4,998	3,227	2,854	1,865	1,738	851	629
Rheumatic fever, acute <sup>4</sup> .....	(NA)	(NA)	(NA)	(NA)	56.6	16.7	12.5	20.4	18.3	11.8
Rubella <sup>5</sup> (1,000).....	1.2	5.4	6.9	17.2	22.1	22.6	22.9	27.8	29.4	33.1
Salmonellosis <sup>6</sup> (1,000).....	23.4	13.9	12.5	11.0	13.8	16.6	13.1	16.1	19.5	20.1
Shigellosis <sup>7</sup> (1,000).....	64.5	147.5	315.2	395.2	433.4	<sup>8</sup> 330.8	<sup>8</sup> 394.5	<sup>8</sup> 423.1	<sup>8</sup> 397.0	<sup>8</sup> 465.4
Streptococcal sore throat, scarlet fever (1,000).....	486	462	368	300	148	102	75	87	86	81
Tetanus.....	327	264	160	199	109	252	115	143	67	157
Trichinosis.....	(NA)	76.2	55.5	49.0	37.1	34.0	32.1	30.1	28.5	27.7
Tuberculosis <sup>9</sup> (1,000).....	927	584	390	264	172	129	157	165	141	196
Tularemia.....	2,484	1,704	816	454	346	375	419	398	505	528
Typhoid fever.....										
Typhus fever:										
Flea-borne (endemic-murine).....	685	135	68	28	27	44	69	75	46	69
Tick-borne (Rocky Mt. spotted fever).....	464	295	204	281	380	844	937	1,153	1,063	1,070
Veneral diseases (civilian cases):										
Gonorrhea (1,000).....	287	236	259	325	600	1,000	1,002	1,002	1,013	1,004
Syphilis (1,000).....	218	122	122	113	91	80	72	65	65	67
Other (1,000).....	8.2	3.9	2.8	2.0	2.2	1.1	1.1	.9	.9	1.2

- Represents zero. NA Not available. <sup>1</sup> Beginning in 1975, includes foodborne, infant, and unspecified cases. <sup>2</sup> Data reported for 1975-1979 reflect new diagnostic categories. <sup>3</sup> Whooping cough. <sup>4</sup> Based on reports from States: 37 in 1960, 36 in 1965 and 1975, 38 in 1970, 40 in 1976 and 1978, and 39 in 1977 and 1979. <sup>5</sup> German measles. <sup>6</sup> Excludes typhoid fever. <sup>7</sup> Bacillary dysentery. <sup>8</sup> Based on reports from States: 41 in 1975 and 1979, 42 in 1976 and 1977, and 40 in 1978. <sup>9</sup> Beginning 1960, newly reported active cases. New diagnostic standards introduced in 1975.

Source: U.S. National Center for Health Statistics, *Vital Statistics—Special Reports*, vol. 37, No. 9, and U.S. Centers for Disease Control, Atlanta, Ga., *Morbidity and Mortality Weekly Report* (annual supplements).

### NO. 193. ACUTE CONDITIONS, BY TYPE, 1970 TO 1979, AND BY SELECTED CHARACTERISTICS, 1979

[Data refer to civilian noninstitutional population. Based on National Health Interview Survey; see Appendix III. Estimates include only acute conditions which were medically attended or caused at least one day of restricted activity. For composition of regions, see fig. 1, inside front cover]

YEAR AND CHARACTERISTIC	NUMBER OF CONDITIONS (mil.)					RATE PER 100 POPULATION				
	Infective and parasitic	Respiratory		Digestive system	Injuries	Infective and parasitic	Respiratory		Digestive system	Injuries
		Upper	Other				Upper	Other		
1970, total.....	48.2	127.3	92.5	23.0	59.2	24.1	63.7	46.3	11.5	29.6
1974, total.....	40.5	94.9	100.9	16.2	63.1	19.5	45.8	48.7	7.8	30.4
1975, total.....	47.6	124.0	109.0	21.6	76.2	22.8	59.3	52.1	10.3	36.4
1976, total.....	52.6	127.7	123.0	22.0	67.7	25.0	60.6	58.4	10.4	32.1
1977, total.....	57.7	134.0	98.8	23.8	77.2	27.2	63.2	46.6	11.2	36.4
1978, total.....	52.9	126.4	121.1	22.9	70.7	24.7	59.1	56.6	10.7	33.1
1979, total.....	52.7	129.8	101.7	24.7	74.4	24.4	60.1	47.1	11.4	34.5
Male.....	23.1	58.7	44.8	10.7	42.5	22.2	56.4	43.0	10.2	40.8
Female.....	29.6	71.1	56.9	14.0	31.8	26.5	63.7	51.0	12.5	28.5
Northeast.....	14.8	30.2	14.9	5.1	15.4	31.2	63.6	31.4	10.7	32.4
North Central.....	10.3	35.7	34.5	6.1	19.6	17.9	62.2	60.0	10.6	34.1
South.....	21.4	39.7	23.1	9.1	23.1	30.2	55.9	32.5	12.9	32.6
West.....	6.2	24.2	29.2	4.3	16.3	15.5	60.5	73.2	10.8	40.7
Inside SMSA <sup>1</sup> .....	36.0	90.6	70.4	18.2	52.0	24.4	61.5	47.7	12.3	35.3
Outside SMSA: <sup>1</sup>										
Nonfarm.....	15.4	36.6	29.2	6.1	20.9	24.7	58.6	46.7	9.8	33.4
Farm.....	1.3	2.5	2.1	2.3	1.5	22.3	43.4	36.8	25.9	26.0
Under 6 years.....	11.2	24.8	11.8	2.3	7.3	60.0	133.0	63.3	12.3	38.9
6-16 years.....	15.6	34.7	24.0	6.1	15.1	39.4	87.6	60.5	15.4	38.1
17-44 years.....	18.6	50.6	46.0	10.9	36.0	20.6	55.9	50.7	12.0	39.7
45 years and over.....	7.2	19.6	19.9	5.4	16.0	10.8	29.4	29.9	8.1	24.0

<sup>1</sup> SMSA refers to standard metropolitan statistical areas as defined in 1970 census publications; see Appendix II.

<sup>2</sup> Figure does not meet standards of reliability or precision.

### NO. 194. PERSONS WITH ACTIVITY LIMITATION, BY SELECTED CHRONIC CONDITIONS: 1969-1970 AND 1979

[Covers civilian noninstitutional population. Based on National Health Interview Survey; see Appendix III. Conditions classified according to eighth revision of International Classification of Diseases for 1969-1970; to ninth revision for 1979]

CONDITION	Total <sup>1</sup>	AGE			SEX		FAMILY INCOME		RACE		
		Under 45 yr.	45-64 yr.	65 and over	Male	Fe- male	Less than \$6,000	\$6,000 and over	White	Black	
1969-1970											
Persons with limitation (mil.) .....	23.2	7.3	8.0	8.0	11.7	11.5	11.6	10.1	20.5	2.6	
Percent limited by—											
Heart conditions .....	15.5	6.3	19.0	20.5	16.5	14.6	16.7	15.2	15.7	14.6	
Arthritis and rheumatism .....	14.1	4.4	15.7	21.2	9.3	18.9	17.2	11.6	13.8	16.1	
Hypertension without heart involvement .....	4.6	1.8	5.2	6.4	3.0	6.2	5.9	3.4	3.9	9.4	
Impairment of back/spine .....	6.9	10.6	7.8	2.8	7.3	6.6	5.5	9.2	7.2	5.1	
Impairment of lower extremities and hips .....	6.7	8.9	6.0	5.3	7.6	5.8	6.3	7.6	6.8	5.8	
Percent of all persons with—											
No activity limitation .....	88.3	94.7	80.5	57.7	87.7	88.8	79.8	92.2	88.2	88.4	
Activity limitation .....	11.7	5.3	19.5	42.3	12.3	11.2	20.2	7.8	11.8	11.6	
In major activity .....	9.1	3.3	15.7	37.0	9.5	8.6	16.9	5.5	9.0	9.7	
1979											
Persons with limitation (mil.) .....	31.5	10.3	10.5	10.7	15.3	16.2	8.0	20.3	27.2	4.0	
Percent limited by—											
Heart conditions .....	16.4	4.4	20.7	23.9	18.1	14.9	18.5	15.4	16.6	16.2	
Arthritis and rheumatism .....	17.0	5.1	20.1	25.3	11.7	22.0	23.1	14.5	17.1	17.0	
Hypertension without heart involvement .....	9.2	3.0	12.1	12.2	7.1	11.1	13.3	7.5	7.8	18.1	
Impairment of back/spine .....	9.4	14.1	9.7	4.6	8.7	10.0	8.3	9.9	9.4	9.2	
Impairment of lower extremities and hips .....	7.5	9.8	7.0	5.8	8.4	6.7	7.1	7.8	7.6	6.8	
Percent of all persons with—											
No activity limitation .....	85.4	93.1	75.9	54.0	85.3	85.5	71.3	87.9	85.4	84.4	
Activity limitation .....	14.6	6.9	24.1	46.0	14.7	14.5	28.7	12.1	14.6	15.6	
In major activity .....	10.9	4.2	18.6	39.2	11.1	10.7	23.7	8.5	10.7	12.7	

<sup>1</sup> Includes persons with unknown family income and other races not shown separately.

Source of tables 193 and 194: U.S. National Center for Health Statistics, *Vital and Health Statistics*, series 10, and unpublished data.

### No. 195. PERSONS WITH DEFINITE HYPERTENSION, BY RACE, SEX AND AGE: 1960-1962 AND 1971-1975

[Covers civilian noninstitutional population, 25-74 years old. Based on sample and subject to sampling variability, see source. Data represent number of persons with an average of three blood pressure readings of either systolic pressure of 160 mmHg or more or diastolic pressure of 95 mmHg or more]

AGE GROUP	NUMBER (1,000)					RATE PER 100 PERSONS				
	Total <sup>1</sup>	White	Black	Female	Male	Total <sup>1</sup>	White	Black	Female	Male
1960-1962, total <sup>2</sup> .....	15,675	12,654	2,838	6,879	8,798	16.9	15.7	29.7	15.3	16.7
1971-1975, total .....	19,184	15,568	3,425	9,226	9,959	18.0	16.4	32.1	16.5	19.7
25-34 years old.....	1,620	1,191	429	500	1,120	5.7	4.8	14.1	3.4	8.2
35-44 years old.....	2,790	2,003	703	1,033	1,757	12.5	10.2	29.1	9.0	16.3
45-54 years old.....	4,741	3,806	904	2,037	2,703	20.1	18.1	38.3	16.6	23.9
55-64 years old.....	5,538	4,625	863	2,967	2,571	28.6	26.4	51.5	29.2	28.0
65-74 years old.....	4,496	3,943	527	2,688	1,808	34.2	33.1	45.0	36.0	31.8

<sup>1</sup> Includes other races not shown separately.

<sup>2</sup> Rates age-adjusted using 1971-1975 population base. See headnote, table 113.

### No. 196. PERSONS WITH HIGH SERUM CHOLESTEROL LEVELS, BY SEX AND AGE: 1971-1974

[Covers civilian noninstitutional population, 18-74 years old. Based on sample and subject to sampling variability, see source. Data represent number of persons with serum cholesterol levels of 260 mg./100 ml. or more]

AGE GROUP	NUMBER (1000)			RATE PER 100 PERSONS						
	Total	Female	Male	Total	Female			Male		
					Total	White	Black	Total	White	Black
Total, 18-74 years old.....	27,974	15,615	12,358	21.9	23.2	23.5	21.6	20.4	20.6	19.0
18-24 years old.....	1,134	683	451	4.8	5.6	5.6	5.3	4.0	4.1	2.5
25-34 years old.....	2,812	1,275	1,538	10.5	9.1	9.0	10.4	12.1	11.7	14.9
35-44 years old.....	4,353	1,618	2,735	19.3	13.7	13.7	14.1	25.3	24.9	25.6
45-54 years old.....	7,289	3,897	3,392	31.0	31.8	31.5	36.0	30.1	30.9	24.2
55-64 years old.....	7,203	4,567	2,636	38.2	45.9	46.2	44.6	29.7	29.4	34.0
65-74 years old.....	5,182	3,577	1,605	40.6	49.2	49.7	44.9	29.2	29.2	30.3

### No. 197. PERSONS WEARING CORRECTIVE LENSES: 1971 AND 1977

[See headnote, table 198. Total wearing lenses includes group unknown as to type. Excludes sunglasses worn only to filter light, safety glasses for protection, etc. Contact lenses includes those with or without glasses]

ITEM	1971			1977						
	Total	Male	Fe- male	Total	Male	Fe- male	3-16 yr.	17-24 yr.	25-44 yr.	45 yr. and over
Population, 3 years old and over (mil.).....	191.6	92.1	99.5	202.9	97.7	105.3	50.7	31.3	55.3	65.6
Wearing lenses (mil.).....	94.3	40.8	53.5	103.3	44.7	58.6	7.3	12.3	25.0	58.8
Eyeglasses only (mil.).....	90.3	39.7	50.6	96.3	42.7	53.6	6.8	9.9	21.8	57.8
Contact lenses (mil.).....	2.4	.7	1.8	7.0	2.0	5.0	.4	2.4	3.2	1.0
Percent wearing lenses.....	49.2	44.2	53.8	50.9	45.7	55.7	14.3	39.2	45.3	89.5
Eyeglasses only.....	47.1	43.1	50.9	47.5	43.7	50.9	13.5	31.5	39.4	88.0
Contact lenses.....	1.3	.7	1.8	3.5	2.1	4.8	.8	7.7	5.8	1.5

### No. 198. PERSONS USING SPECIAL HEALTH AIDS—NUMBER AND RATE, BY AGE: 1977

[Covers civilian noninstitutional population. Based on National Health Interview Survey; see Appendix III]

TYPE OF AID	NUMBER (1,000)					RATE PER 1,000 POPULATION				
	Total	Under 15 years	15-44 years	45-64 years	65 yr. and over	Total	Under 15 years	15-44 years	45-64 years	65 yr. and over
Cane or walking stick.....	2,714	-	153	550	2,011	12.8	-	1.6	12.7	90.3
Special shoes.....	1,492	572	265	401	253	7.0	11.1	2.8	9.2	11.4
Leg or foot brace.....	398	76	133	119	70	1.9	1.5	1.4	2.7	3.1
Other braces.....	1,004	51	296	460	196	4.7	1.0	3.1	10.6	8.8
Walker.....	689	<sup>1</sup> 22	<sup>1</sup> 26	93	549	3.2	<sup>1</sup> 4	<sup>1</sup> 3	2.1	24.7
Wheelchair.....	645	47	116	146	334	3.0	.9	1.2	3.4	15.0
Crutches.....	613	50	211	202	151	2.9	1.0	2.2	4.7	6.8
Artificial leg or foot.....	205	<sup>1</sup> 13	46	82	64	1.0	<sup>1</sup> 3	.5	1.9	2.9

- Represents zero. <sup>1</sup> Figure does not meet standards of reliability or precision.

Source of tables 195-198: U.S. National Center for Health Statistics, *Vital and Health Statistics*, series 10 and 11.

## No. 199. DRUG USE, BY TYPE OF DRUG AND BY AGE GROUP: 1972 TO 1979

[Current users are those who used drugs at least once within month prior to this study. For 1979, based on national samples of 2,165 youths (12-17 yrs. old), 2,044 young adults (18-25 yrs. old), and 3,015 older adults (26 yrs. old and over). Subject to sampling variability; see source]

TYPE OF DRUG	PERCENT OF YOUTHS				PERCENT OF YOUNG ADULTS				PERCENT OF ADULTS			
	Ever used		Current user		Ever used		Current user		Ever used		Current user	
	1972	1979	1972	1979	1974	1979	1974	1979	1974	1979	1974	1979
Marihuana.....	14.0	30.9	7.0	16.7	52.7	68.2	25.2	35.4	9.9	19.6	2.0	6.0
Inhalants.....	6.4	9.8	1.0	2.0	9.2	16.5	(Z)	1.2	1.2	3.9	(Z)	.5
Hallucinogens.....	4.8	7.1	1.4	2.2	16.6	25.1	2.5	4.4	1.3	4.5	(Z)	(Z)
Cocaine.....	1.5	5.4	.6	1.4	12.7	27.5	3.1	9.3	.9	4.3	(Z)	.9
Heroin.....	.6	.5	(Z)	(Z)	4.5	3.5	(Z)	(Z)	.5	1.0	(Z)	(Z)
Analgesics.....	(NA)	3.2	(NA)	.6	(NA)	11.8	(NA)	1.0	(NA)	2.7	(NA)	(Z)
Stimulants <sup>1</sup> .....	4.0	3.4	(NA)	1.2	17.0	18.2	3.7	3.5	3.0	5.8	(Z)	.5
Sedatives <sup>1</sup> .....	3.0	3.2	(NA)	1.1	15.0	17.0	1.2	2.8	2.0	3.5	(Z)	(Z)
Tranquilizers <sup>1</sup> .....	3.0	4.1	(NA)	.6	10.0	15.8	1.2	2.1	2.0	3.1	(Z)	(Z)
Alcohol.....	(NA)	70.3	24.0	37.2	81.6	95.3	69.3	75.9	73.2	91.5	54.5	61.3
Cigarettes.....	(NA)	54.1	17.0	12.1	68.8	82.8	48.8	42.6	65.4	83.0	39.1	38.9

NA Not available. Z Less than .5 percent. <sup>1</sup> Prescription drugs.

## No. 200. MARIHUANA AND ALCOHOL—PERCENT OF POPULATION WHO ARE CURRENT USERS: 1972 TO 1979

[See headnote, table 199]

CHARACTERISTIC	YOUTHS			YOUNG ADULTS		ADULTS	
	1972	1976	1979	1976	1979	1976	1979
<b>MARIHUANA</b>							
Current users, total.....	7	12	17	25	35	4	6
Male.....	9	14	19	31	45	6	9
Female.....	6	11	14	19	20	2	3
White.....	8	12	17	26	36	3	6
Black and other.....	2	11	15	22	34	6	8
SMSA's with 1 million or more inhabitants <sup>1</sup> .....	(NA)	18	20	29	39	5	8
SMSA's with under 1 million inhabitants <sup>1</sup> .....	(NA)	11	14	28	36	4	6
Nonmetropolitan areas.....	(NA)	8	15	16	30	1	4
<b>ALCOHOL<sup>2</sup></b>							
Current users, total.....	24	32	37	69	76	56	61
Male.....	27	36	39	79	84	63	72
Female.....	21	29	36	58	68	49	52
White.....	24	34	38	72	78	57	62
Black and other.....	19	23	29	54	62	50	56
SMSA's with 1 million or more inhabitants <sup>1</sup> .....	24	38	40	78	80	70	72
SMSA's with under 1 million inhabitants <sup>1</sup> .....	28	33	35	72	75	54	58
Nonmetropolitan areas.....	20	26	35	55	71	41	51

NA Not available. <sup>1</sup> Refers to standard metropolitan statistical areas as defined in 1970 census publications. For definition of SMSA, see Appendix II. <sup>2</sup> 1972 and 1976, respondent gave answers orally. Beginning 1979 respondent marked answer on a private sheet.

Source of tables 199 and 200: U.S. National Institute on Drug Abuse, *National Survey on Drug Abuse: Main Findings, 1979*.

## No. 201. DRUG ABUSE TREATMENT UNITS: 1977 TO 1980

[In thousands, except as noted. 1977 and 1979, as of April 30; 1980 as of Sept. 30. Includes Puerto Rico and Virgin Islands. Treatment unit refers to a facility that specifically provides direct, on-site drug abuse treatment services to its clients. Based on a complete census of all known units; for 1980, the response rate was over 90 percent]

ITEM	1977	1979	1980	ITEM	1977	1979	1980
Treatment units (number).....	3,147	3,590	3,449	Clients—Con.			
Clients.....	<sup>1</sup> 234.6	202.7	<sup>1</sup> 181.5	Outpatient and day care.....	203.3	173.8	157.2
By mode of treatment:				Residential.....	18.5	16.8	15.1
Drug free <sup>2</sup> .....	147.2	125.1	105.0	Hospital inpatient.....	3.7	2.9	2.6
Detoxification <sup>3</sup> .....	5.8	5.6	5.2	Prison.....	9.1	9.2	6.6
Methadone maintenance <sup>4</sup> .....	80.0	71.6	67.9	Total funding (mil. dol.).....	510.7	510.6	486.6
				Total staff.....	40.5	<sup>5</sup> 36.1	<sup>5</sup> 36.0

<sup>1</sup> Includes other modes of treatment, not shown separately. <sup>2</sup> Drug withdrawal without medication. <sup>3</sup> Drug withdrawal supported by use of prescribed medication. If methadone used, treatment for 21 days or less. <sup>4</sup> Continued use of methadone for a period of more than 21 days. Includes other maintenance treatments. <sup>5</sup> Includes staff for alcoholism treatment when drug abuse and alcoholism are treated at same unit. Full-time equivalent employment.

Source: U.S. National Institute on Drug Abuse, *NIDA Statistical Series*, series F, periodic.

## NO. 202. CIGARETTE SMOKING AND HEALTH CHARACTERISTICS: 1970 AND 1979

[Civilian noninstitutional population, 17 years old and over. Based on National Health Interview Survey; see Appendix II. Smoking data were obtained from self-respondents only]

SEX, AGE, AND HEALTH CHARACTERISTIC	Unit	Total population <sup>1</sup>	Persons who never smoked	Persons who ever smoked <sup>2</sup>	Former smokers	PRESENT SMOKERS				
						Total <sup>3</sup>	Cigarettes smoked per day (heaviest amount)			
							Under 15	15-24	25-34	35 or more
<b>1970: Both sexes.....</b>	<b>1,000.....</b>	<b>133,132</b>	<b>59,675</b>	<b>72,678</b>	<b>23,859</b>	<b>48,819</b>	<b>15,517</b>	<b>20,628</b>	<b>5,256</b>	<b>5,707</b>
Percent of total.....	Percent.....	100.0	44.8	54.6	17.9	36.7	11.7	15.5	3.9	4.3
<b>Male.....</b>	<b>1,000.....</b>	<b>62,310</b>	<b>19,144</b>	<b>42,773</b>	<b>15,861</b>	<b>26,912</b>	<b>7,163</b>	<b>11,458</b>	<b>3,160</b>	<b>3,959</b>
Percent of total.....	Percent.....	100.0	30.7	68.6	25.5	43.2	11.5	18.4	5.1	6.4
17-24 years.....	1,000.....	12,034	5,844	6,016	1,131	4,885	1,822	2,053	442	277
25-44 years.....	1,000.....	22,542	5,779	16,641	5,235	11,406	2,516	5,124	1,505	1,895
45-64 years.....	1,000.....	19,644	4,513	15,065	6,302	8,763	2,047	3,603	1,081	1,625
65 years and over.....	1,000.....	8,090	3,007	5,051	3,193	1,858	778	678	131	162
<b>Female.....</b>	<b>1,000.....</b>	<b>70,822</b>	<b>40,531</b>	<b>29,905</b>	<b>7,998</b>	<b>21,907</b>	<b>8,354</b>	<b>9,170</b>	<b>2,096</b>	<b>1,748</b>
Percent of total.....	Percent.....	100.0	57.2	42.2	11.3	30.9	11.8	12.9	3.0	2.5
17-24 years.....	1,000.....	13,908	8,582	5,188	991	4,198	1,927	1,635	286	192
25-44 years.....	1,000.....	24,349	11,302	12,958	3,550	9,408	3,211	4,004	1,106	900
45-64 years.....	1,000.....	21,658	11,813	9,744	2,632	7,111	2,675	3,056	648	583
65 years and over.....	1,000.....	10,907	8,835	2,015	825	1,190	541	475	56	74
<b>1979: Both sexes.....</b>	<b>1,000.....</b>	<b>157,461</b>	<b>71,901</b>	<b>84,613</b>	<b>32,665</b>	<b>51,947</b>	<b>15,372</b>	<b>21,780</b>	<b>6,801</b>	<b>7,120</b>
Percent of total.....	Percent.....	100.0	45.7	53.7	20.7	33.0	9.8	13.8	4.3	4.5
<b>Male.....</b>	<b>1,000.....</b>	<b>74,379</b>	<b>26,021</b>	<b>47,806</b>	<b>20,462</b>	<b>27,345</b>	<b>7,055</b>	<b>11,187</b>	<b>4,021</b>	<b>4,633</b>
Percent of total.....	Percent.....	100.0	35.0	64.3	27.5	36.8	9.5	15.0	5.4	6.2
17-24 years.....	1,000.....	15,602	8,809	6,712	1,573	5,138	1,848	2,394	504	334
25-44 years.....	1,000.....	28,388	9,420	18,760	6,639	12,122	2,841	4,806	2,094	2,223
45-64 years.....	1,000.....	20,773	4,713	15,857	7,764	8,092	1,630	3,190	1,226	1,886
65 years and over.....	1,000.....	9,617	3,078	6,478	4,465	1,993	737	796	197	189
<b>Female.....</b>	<b>1,000.....</b>	<b>83,082</b>	<b>45,880</b>	<b>36,806</b>	<b>12,203</b>	<b>24,603</b>	<b>8,317</b>	<b>10,593</b>	<b>2,780</b>	<b>2,487</b>
Percent of total.....	Percent.....	100.0	55.2	44.3	14.7	29.6	10.0	12.8	3.3	3.0
17-24 years.....	1,000.....	16,399	9,494	6,847	1,534	5,313	2,174	2,222	487	308
25-44 years.....	1,000.....	30,277	14,747	15,371	4,799	10,572	3,198	4,700	1,327	1,250
45-64 years.....	1,000.....	22,681	11,660	10,869	3,964	6,906	2,148	2,924	831	839
65 years and over.....	1,000.....	13,725	9,979	3,719	1,907	1,812	796	748	134	90
Restricted-activity days per person: <sup>4</sup>										
Male.....	Days.....	20.0	14.8	22.9	23.5	22.5	23.9	22.8	20.3	20.6
Female.....	Days.....	24.4	23.4	25.8	28.1	24.7	25.6	21.0	27.2	33.0
Bed-days per person: <sup>4</sup>										
Male.....	Days.....	6.1	4.8	6.7	6.2	7.1	8.3	6.3	7.6	6.2
Female.....	Days.....	8.9	8.6	9.3	10.0	8.9	9.0	7.2	10.7	13.8
Work-loss days per person: <sup>4</sup>										
Male.....	Days.....	6.7	4.9	7.8	6.7	8.5	8.5	9.6	6.8	7.0
Female.....	Days.....	7.1	6.1	8.3	8.6	8.2	7.5	7.7	9.3	12.3

<sup>1</sup> Includes persons for whom smoking status is unknown.<sup>2</sup> Excludes smokers with unknown present smoking status.<sup>3</sup> Includes smokers for whom the number of cigarettes smoked per day is unknown. <sup>4</sup> For definition of terms, see footnotes 1, 3, and 4 of table 189.Source: U.S. National Center for Health Statistics, *Vital and Health Statistics*, vol. 21, No. 3 supplement, June 1972; *Health, United States, 1979*; and unpublished data.

## NO. 203. COFFEE, ASPIRIN, AND SLEEPING PILLS—USERS AND NONUSERS: 1976

[Civilian noninstitutional population, 20 years old and over. Based on National Health Interview Survey; see Appendix III]

ITEM	COFFEE USE		ITEM	ASPIRIN USE		ITEM	SLEEPING PILL USE	
	Male	Female		Male	Female		Male	Female
<b>Total persons<sup>1</sup> (mil.).....</b>	<b>64.6</b>	<b>72.9</b>	<b>Total persons<sup>1</sup> (mil.).....</b>	<b>64.6</b>	<b>72.9</b>	<b>Total persons<sup>1</sup> (mil.).....</b>	<b>64.6</b>	<b>72.9</b>
Nondrinkers (mil.).....	10.6	14.9	Nonusers (mil.).....	17.0	15.3	Nonusers (mil.).....	51.8	60.2
Drinkers (mil.).....	46.1	54.9	Users (mil.).....	39.6	54.6	Users (mil.).....	4.5	9.4
Percent of total.....	71.4	75.3	Percent of total.....	61.3	74.9	Percent of total.....	7.0	12.9
1 cup or less <sup>2</sup> .....	18.2	21.8	Less than once a week.....	45.4	49.1	Less than once a week.....	3.3	6.2
2-5 cups <sup>2</sup> .....	40.5	42.9	Once a week or more.....	15.9	25.8	Once a week or more.....	3.7	6.7
6 cups or more <sup>2</sup> .....	12.7	10.6						

<sup>1</sup> Includes persons with use unknown. <sup>2</sup> Cups per day.Source: U.S. National Center for Health Statistics, *Vital and Health Statistics*, series 10, No. 131.

# **NO. 204. HEALTH PRACTICES—PERCENT DISTRIBUTION OF PERSONS FOLLOWING SELECTED PRACTICES, BY SEX, AGE, AND INCOME: 1977**

[Covers civilian noninstitutional population. Percent distribution based on total number of persons who responded to specific question regarding health practice. Based on National Health Interview Survey; see Appendix III]

HEALTH PRACTICE	Total <sup>1</sup>	SEX		AGE			FAMILY INCOME			
		Male	Female	20-34 yr.	35-54 yr.	55 yr. and over	Less than \$5,000	\$5,000-\$14,999	\$15,000-\$24,999	\$25,000 and over
Population (1,000).....	139,959	65,798	74,162	51,230	46,296	42,432	18,020	52,529	34,630	21,679
PERCENT DISTRIBUTION										
Hours of sleep:										
Less than 7.....	21.7	23.3	20.4	20.2	22.4	22.7	27.0	21.4	20.8	19.3
7.....	27.9	29.8	26.4	28.9	31.3	23.2	20.4	26.6	31.7	33.6
8.....	37.8	35.8	39.5	38.2	37.2	38.0	35.2	38.8	37.8	38.0
9 or more.....	12.5	11.1	13.7	12.6	9.0	16.1	17.3	13.2	9.7	9.2
Eats breakfast:										
Every day.....	58.1	57.3	58.7	41.6	55.5	80.1	64.9	58.0	53.3	56.5
Sometimes.....	15.9	15.8	15.9	22.7	16.2	7.5	14.8	16.0	17.2	15.3
Never.....	26.1	27.0	25.4	35.8	28.3	12.4	20.3	26.0	29.5	28.1
Eats snacks:										
Every day.....	38.0	40.1	36.3	43.2	38.5	31.3	33.9	38.4	40.7	38.6
Sometimes.....	27.4	25.4	28.9	31.7	27.7	21.9	25.3	28.2	28.0	26.7
Never.....	34.7	34.4	34.8	25.1	33.7	46.9	40.8	33.4	31.2	34.7
Frequency of alcohol consumption:										
Never.....	28.6	21.5	34.2	18.9	25.9	42.7	46.2	30.4	21.1	14.9
Occasionally.....	41.9	35.9	46.7	47.3	42.1	35.4	35.0	42.8	45.5	42.5
1 or 2 times a week.....	15.5	20.2	11.8	19.5	16.1	10.3	10.3	14.8	17.1	20.7
3 or more times a week.....	14.0	22.5	7.3	14.3	16.0	11.6	8.5	12.0	16.3	21.9
Percent who drink 5 or more drinks at one sitting <sup>2</sup> .....	29.4	43.1	18.5	43.1	30.2	12.4	20.4	29.2	33.4	36.8

<sup>1</sup> Includes persons with unknown family income. <sup>2</sup> Based on number of persons who drink alcohol.

Source: U.S. National Center for Health Statistics, *Advance Data from Vital and Health Statistics*, No. 64, November 1980; and unpublished data.

# **NO. 205. DRUGS AND TOILETRIES—RETAIL SALES: 1975 TO 1980**

[In millions of dollars. Excludes government and hospital use]

PRODUCT	1975	1979	1980	PRODUCT	1975	1979	1980
<b>Total sales.....</b>	<b>22,366</b>	<b>32,875</b>	<b>36,785</b>	Toiletries.....	7,963	12,019	13,883
Drugs and other health aids.....	14,403	20,856	22,902	Hair products.....	2,172	3,233	3,662
Prescriptions.....	8,146	11,326	12,652	Shampoos.....	632	1,006	1,116
Packaged medications <sup>1</sup> .....	3,511	5,239	5,165	Shaving products.....	1,223	1,013	1,097
Vitamin concentrates.....	452	621	916	Oral hygiene.....	1,057	1,460	1,635
Cough and cold remedies.....	735	968	1,007	Dentifrices.....	494	663	742
Internal analgesics <sup>1</sup> .....	719	1,157	1,309	Hand products.....	329	672	731
Other <sup>1 2</sup> .....	1,605	2,493	1,933	Cosmetics.....	1,409	3,426	3,625
Sickroom and convalescent aids.....	371	728	933	Lipsticks.....	389	820	894
First aid products <sup>2 3</sup> .....	336	498	627	Fragrances.....	608	623	1,346
Baby needs.....	1,074	2,198	2,510	Toilet water, cologne.....	429	434	681
Disposable diapers, liners.....	577	881	1,694	Personal hygiene.....	1,165	1,592	1,787
Feminine needs <sup>1</sup> .....	552	865	1,015	Bath soaps <sup>4</sup> .....	558	1,004	1,097
Veterinary.....	413	(NA)	(NA)	Deodorants.....	607	588	690

NA Not available.

<sup>1</sup> For 1975, effervescent compounds reported under internal analgesics and contraceptives reported under feminine needs; beginning 1979, included in other packaged medications. <sup>2</sup> Prior to 1980, external antiseptics; burn, poison ivy, athletes foot and jockitch remedies; and other skin care products such as suntan oils and lotions, lip protectors, and acne preparations reported under other packaged medications. Beginning 1980 included in first aid products. <sup>3</sup> Includes personal insect repellents. <sup>4</sup> Medicated soaps included in packaged medications.

Source: Medical Economics Company, Inc., Oradell, N.J., *Drug Topics*, Marketing Guide, annual. (Further reproduction prohibited without written permission of copyright owner.)

**NO. 206. PERCENT OF POPULATION ENGAGED IN PHYSICAL EXERCISE, BY TYPE OF EXERCISE, SEX, AND AGE: 1975**

[Covers civilian noninstitutional population, 20 years old and over. Based on National Health Interview Survey; see Appendix III]

SEX AND AGE	Total population (1,000)	Percent exercising regularly <sup>1</sup>	PERCENT, BY TYPE OF EXERCISE <sup>2</sup>					
			Ride bicycle	Calisthenics	Jog	Lift weights	Swim	Walk
<b>Total, 20 years and over</b> .....	<b>135,655</b>	<b>48.6</b>	<b>10.9</b>	<b>13.5</b>	<b>4.8</b>	<b>3.4</b>	<b>11.8</b>	<b>33.8</b>
20-44 years .....	71,084	53.7	16.1	17.3	7.3	5.4	16.9	33.8
45-64 years .....	43,145	43.4	6.5	10.8	2.7	1.5	8.0	32.9
65 years and over .....	21,426	42.3	2.9	6.1	1.2	(B)	2.8	35.7
<b>Male, 20 years and over</b> .....	<b>63,665</b>	<b>48.5</b>	<b>10.8</b>	<b>13.5</b>	<b>7.2</b>	<b>6.3</b>	<b>13.3</b>	<b>32.5</b>
20-44 years .....	34,268	52.7	14.9	17.5	10.6	10.1	18.8	31.4
45-64 years .....	20,567	42.0	6.7	10.1	3.8	2.6	8.1	31.4
65 years and over .....	8,830	47.3	4.3	5.9	2.1	(B)	4.1	39.4
<b>Female, 20 years and over</b> .....	<b>71,990</b>	<b>48.7</b>	<b>11.1</b>	<b>13.5</b>	<b>2.7</b>	<b>.8</b>	<b>10.5</b>	<b>35.0</b>
20-44 years .....	36,816	54.6	17.2	17.1	4.1	1.1	15.0	36.0
45-64 years .....	22,579	44.6	6.4	11.4	1.6	(B)	7.8	34.2
65 years and over .....	12,595	38.7	1.8	6.3	(B)	(B)	1.9	33.0

B Base less than minimum required for reliability. <sup>1</sup> Regular exercise is any exercise done on a weekly basis.

<sup>2</sup> More than one type of exercise can be reported per person.

Source: U.S. National Center for Health Statistics, *Health, United States, 1976-1977*.

**NO. 207. AVERAGE HEIGHTS AND WEIGHTS, BY AGE AND SEX: 1960-1962 AND 1971-1974**

[Height was measured without shoes. For 1960-1962, two pounds are deducted to allow for weight of clothing; for 1971-1974, total weights of all clothing ranged from .2 to .6 pound, which are not deducted from weights shown. Based on sample and subject to sampling variability; see source]

SEX, YEAR, AND HEIGHT (feet and inches)	18-24 years	25-34 years	35-44 years	45-54 years	55-64 years	65-74 years
<b>MEN</b>						
HEIGHT (inches)						
1960-1962 .....	68.7	69.1	68.5	68.2	67.4	66.9
1971-1974 .....	69.7	69.6	69.1	68.9	68.3	67.3
<b>WOMEN</b>						
1960-1962 .....	63.8	63.7	63.5	62.9	62.4	61.5
1971-1974 .....	64.3	64.1	64.1	63.6	62.8	62.3
<b>MEN</b>						
WEIGHT (lb.)						
1960-1962, total .....	158	169	170	170	164	158
1971-1974, total .....	165	176	178	175	171	164
5'2" .....	130	141	143	147	143	143
5'3" .....	135	145	148	152	147	147
5'4" .....	140	150	153	156	153	151
5'5" .....	145	156	158	160	158	156
5'6" .....	150	160	163	164	163	160
5'7" .....	154	165	169	169	168	164
5'8" .....	159	170	174	173	173	169
5'9" .....	164	174	179	177	178	173
5'10" .....	168	179	184	182	183	177
5'11" .....	173	184	190	187	189	182
6' .....	178	189	194	191	193	186
6'1" .....	183	194	200	196	197	190
6'2" .....	188	199	205	200	203	194
<b>WOMEN</b>						
1960-1962, total .....	127	134	142	145	150	144
1971-1974, total .....	132	140	148	149	149	146
4'9" .....	114	118	125	129	132	130
4'10" .....	117	121	129	133	136	134
4'11" .....	120	125	133	136	140	137
5' .....	123	128	137	140	143	140
5'1" .....	126	132	141	143	147	144
5'2" .....	129	136	144	147	150	147
5'3" .....	132	139	148	150	153	151
5'4" .....	135	142	152	154	157	154
5'5" .....	138	146	156	158	160	158
5'6" .....	141	150	159	161	164	161
5'7" .....	144	153	163	165	167	165
5'8" .....	147	157	167	168	171	169

Source: U.S. National Center for Health Statistics, *Advance Data*, No. 3, Nov. 19, 1976, and No. 14, Nov. 30, 1977.

## NO. 208. CIVILIAN PER CAPITA CONSUMPTION OF MAJOR FOOD COMMODITIES: 1960 TO 1980

[In pounds, except as indicated. Civilian consumption represents the residual after exports, nonfood use, military procurement, and ending stocks are subtracted from the sum of beginning stocks, domestic production, and imports. For estimating techniques, see Agriculture Handbook No. 365, vol. 5, April 1972. Based on Bureau of the Census estimates of the civilian population as of July 1. See also *Historical Statistics, Colonial Times to 1970*, series G 881-915]

COMMODITY	1960	1965	1970	1975	1976	1977	1978	1979	1980, prel.
<b>Meats (carcass weight)</b> .....	173.6	175.6	192.4	180.3	192.1	190.0	182.7	177.8	180.1
Beef.....	85.0	99.5	113.6	118.8	127.6	124.0	117.9	105.5	103.4
Veal.....	6.1	5.2	2.9	4.1	4.0	3.8	2.9	2.0	1.8
Lamb and mutton.....	4.8	3.7	3.3	2.0	1.8	1.7	1.6	1.5	1.5
Pork (including lard).....	77.7	67.2	72.6	55.4	58.7	60.5	60.3	68.8	73.4
<b>Fish (edible weight)</b> .....	10.3	10.8	11.8	12.2	12.9	12.7	13.4	13.0	12.7
Fresh and frozen.....	5.7	6.0	6.9	7.5	8.2	7.7	8.1	7.8	7.9
Canned.....	4.0	4.3	4.5	4.3	4.2	4.6	5.0	4.8	4.5
Cured.....	.6	.5	.4	.4	.5	.4	.3	.4	.3
<b>Poultry products:</b>									
Eggs, farm basis (number).....	334	313	309	276	270	268	273	278	272
Chicken (ready-to-cook).....	27.8	33.3	40.4	40.1	42.7	44.1	46.7	50.6	50.0
Turkey (ready-to-cook).....	6.2	7.4	8.0	8.5	9.1	9.1	9.1	9.9	10.5
<b>Dairy products:</b>									
Total milk fat solids.....	24.5	22.9	20.6	19.8	19.8	19.8	20.0	20.1	19.9
Total nonfat milk solids.....	43.4	40.6	39.7	37.5	38.2	37.7	37.3	37.2	36.6
Cheese.....	8.3	9.6	11.5	14.3	15.7	16.1	17.0	17.2	17.6
Condensed and evaporated whole milk.....	13.7	10.6	7.1	5.3	5.0	4.3	4.1	4.1	3.8
Fluid milk and cream <sup>1</sup> .....	302	292	277	267	264	260	257	254	250
Ice cream (product weight).....	18.3	18.5	17.6	18.5	17.9	17.5	17.4	17.1	17.3
<b>Fats and oils, total (fat content)</b> .....	45.3	47.8	52.6	52.3	54.8	53.0	54.6	55.8	55.9
Butter (actual weight).....	7.5	6.4	5.3	4.7	4.3	4.3	4.4	4.5	4.4
Margarine (actual weight).....	9.3	9.8	10.8	11.0	11.9	11.4	11.2	11.2	11.2
Lard.....	7.5	6.3	4.6	2.8	2.6	2.2	2.2	2.5	2.5
Shortening.....	12.6	14.2	17.3	17.0	17.7	17.2	17.8	18.4	18.3
Other edible fats and oils.....	11.4	14.1	17.7	19.9	21.5	21.0	22.1	22.4	22.7
<b>Fruits:</b>									
Fresh, total (farm weight).....	93.9	81.4	81.4	83.5	85.5	82.0	81.5	83.3	87.3
Citrus <sup>2</sup> .....	33.7	29.2	28.8	29.4	29.0	26.2	26.5	24.5	28.7
Apples (commercial).....	18.3	16.3	18.3	17.7	18.7	17.0	15.8	17.0	16.7
Other (excluding melons).....	41.9	35.9	34.3	36.4	37.8	38.8	39.2	41.8	41.9
Processed:									
Canned fruit.....	22.6	23.5	23.3	19.2	18.9	19.2	18.1	18.1	17.4
Canned juices (excl. frozen).....	12.9	10.6	14.5	14.7	14.6	13.7	16.5	17.0	17.3
Frozen (including juices).....	9.2	8.7	9.9	14.1	13.6	14.1	12.6	12.6	12.7
Dried <sup>3</sup> .....	3.1	3.0	2.7	2.9	2.6	2.5	2.1	2.7	2.9
<b>Vegetables:</b>									
Fresh <sup>4</sup> (farm weight).....	105.7	98.3	99.1	98.0	100.9	101.6	103.6	105.9	108.4
Canned (excluding potatoes and sweet potatoes).....	43.4	46.9	51.1	51.9	53.0	53.1	51.9	52.3	49.8
Frozen (excluding potatoes).....	7.0	8.1	9.6	9.6	9.8	10.2	10.7	11.2	10.4
<b>Potatoes (fresh equivalent) <sup>5</sup></b> .....	108	107	117	120	114	120	119	116	116
Frozen potatoes (product).....	2.6	5.7	11.1	13.7	14.6	15.7	17.2	17.7	16.9
Sweet potatoes (fresh equivalent) <sup>5</sup> .....	7.1	6.2	5.6	5.5	5.4	4.9	5.3	5.7	5.1
Dry edible beans.....	7.3	6.6	5.9	6.4	6.1	6.0	5.7	6.3	6.5
Melons (farm weight).....	25.8	23.6	23.2	18.9	20.2	19.9	21.8	20.7	18.6
Sugar (refined).....	97.6	97.0	101.7	89.1	93.4	94.2	91.4	89.3	83.6
<b>Grains:</b>									
Cornmeal and other <sup>6</sup> .....	14.3	15.1	15.8	15.9	15.9	15.9	15.9	15.9	15.8
Corn sirup and sugar.....	13.9	18.2	23.4	34.2	37.3	39.8	43.3	47.4	52.5
Oat food products.....	3.6	3.4	3.2	3.2	3.2	3.2	3.2	3.1	3.1
Wheat flour <sup>7</sup> .....	118	114	111	114	119	115	115	117	117
Wheat breakfast cereals.....	2.8	2.9	2.9	2.9	2.9	2.9	2.9	2.8	2.8
Rye flour.....	1.1	1.1	1.2	1.0	.8	.8	.7	.7	.7
Rice, milled <sup>8</sup> .....	6.1	7.6	6.7	7.6	7.1	7.5	5.7	9.4	9.3
<b>Other:</b>									
Coffee (green beans).....	15.8	14.8	13.7	12.2	12.5	9.4	10.5	11.3	10.4
Tea.....	.6	.7	.7	.8	.8	.8	.8	.7	.8
Soft drinks (gallons).....	13.6	19.2	24.0	27.3	30.6	33.3	35.4	36.8	37.8
Cocoa beans.....	3.6	4.0	3.9	3.3	3.8	3.3	3.4	3.3	3.2
Peanuts (shelled) <sup>9</sup> .....	4.9	5.6	5.9	6.6	6.2	6.3	6.8	6.8	6.1
<b>Food consumption <sup>9</sup> (1967=100)</b> .....	97	98	102	101	105	104	103	104	103

<sup>1</sup> Fluid milk equivalent of fluid dairy products. <sup>2</sup> For crop year beginning in previous year. <sup>3</sup> For pack year. <sup>4</sup> Excludes produce from home gardens. <sup>5</sup> Includes quantities canned and frozen. <sup>6</sup> Includes cornstarch, corn cereal, and hominy. <sup>7</sup> Comprises white, whole wheat, and semolina flour. <sup>8</sup> For crop year beginning September of year shown. <sup>9</sup> Retail weight equivalent, weighted by constant retail prices.

Source: U.S. Dept. of Agriculture, Economic Research Service. In *Food Consumption, Prices, and Expenditures* (Statistical Bulletin 672), September 1981.



**NO. 209. NUTRITION—NUTRIENTS AVAILABLE FOR CIVILIAN CONSUMPTION PER CAPITA PER DAY AND INDEXES: 1950 TO 1980**

[For 1950, excludes Alaska and Hawaii. Based on Bureau of the Census estimated population as of July 1. Quantities of nutrients computed by Science and Education Administration, Human Nutrition, Consumer Nutrition Center, on the basis of estimates of per capita food consumption (retail weight), including estimates of produce of home gardens, prepared by the Economics and Statistics Service. No deduction made in nutrient estimates for loss or waste of food in the home, use for pet food, or for destruction or loss of nutrients during the preparation of food. Data include iron, thiamin, riboflavin, and niacin added to flour and cereal products; other nutrients added primarily as follows: Vitamin A value to margarine, milk of all types, milk extenders; vitamin B<sub>12</sub> to cereals, meal replacements, infant formulas; vitamin B<sub>6</sub> to cereals; ascorbic acid to fruit juices and drinks, flavored beverages, and dessert powders, milk extenders, and cereals. Minus sign (–) denotes decrease. See *Historical Statistics, Colonial Times to 1970*, series G 851–856, for related data]

NUTRIENT AND UNIT	1950	1960	1965	1970	1975	1978	1979	1980, prel.	PERCENT CHANGE		
									1950–1960	1960–1970	1970–1980
Food energy (calories).....	3,260	3,150	3,170	3,330	3,270	3,400	3,500	3,520	–3.4	5.7	5.7
Protein (grams).....	95	96	96	100	100	102	103	103	1.1	4.2	3.0
Fat (grams).....	145	144	146	159	155	160	166	168	–.7	10.4	5.7
Carbohydrate (grams).....	402	375	373	380	377	394	405	406	–6.7	1.3	6.8
Calcium (grams).....	.99	.98	.96	.94	.92	.89	.90	.89	–1.0	–4.1	–5.3
Phosphorus (grams).....	1.54	1.52	1.51	1.53	1.51	1.51	1.53	1.53	–1.3	.7	–
Iron (milligrams).....	16.6	16.4	16.6	17.8	18.4	17.3	17.5	17.6	–1.2	8.5	–1.1
Magnesium (milligrams).....	363	345	338	340	340	338	346	343	–5.0	–1.4	.9
Vitamin A (international units).....	8,500	8,200	7,700	8,200	8,100	8,100	8,200	8,400	–3.5	–	2.4
Thiamin (milligrams).....	1.90	1.85	1.81	1.92	1.95	2.10	2.18	2.21	–2.6	3.8	15.1
Riboflavin (milligrams).....	2.31	2.30	2.25	2.32	2.33	2.35	2.38	2.39	–.4	.9	3.0
Niacin (milligrams).....	20.4	21.4	22.2	24.0	24.5	26.2	26.8	26.8	4.9	12.1	11.7
Vitamin B <sub>6</sub> (milligrams).....	1.84	1.84	1.81	1.97	1.98	1.99	2.04	2.04	–	7.1	3.6
Vitamin B <sub>12</sub> (micrograms).....	8.7	9.0	9.0	9.7	9.4	9.3	9.2	9.5	3.4	7.8	–2.1
Ascorbic acid (milligrams).....	106	107	98	111	119	118	120	123	.9	3.7	10.8
INDEXES (1967 = 100)											
Food energy (calories).....	101	97	98	103	101	105	108	109	–4.0	6.2	5.8
Protein.....	96	97	97	101	101	103	104	104	1.0	4.1	3.0
Fat.....	95	95	96	105	102	105	109	111	–	10.5	5.7
Carbohydrate.....	107	100	100	102	101	105	108	109	–6.5	2.0	6.9

– Represents zero.

Source: U.S. Dept. of Agriculture, Economics and Statistics Service, *Food Consumption, Prices, and Expenditures*, Statistical Bulletin No. 656. 1980 data from *National Food Review*, Winter 1981.

**NO. 210. DAILY PER CAPITA INTAKE OF SELECTED NUTRIENTS, BY RACE AND INCOME LEVELS: 1971–1974**

[Covers persons 1–74 years old. Represents average daily intake per person. For definition of median and mean, see Guide to Tabular Presentation. Based on findings of a sample survey in the first Health and Nutrition Examination Survey; see Appendix III. Subject to sampling variability; see source. Standards for dietary intake were developed by the source as a guideline to interpreting dietary intake data]

NUTRIENT	ALL PERSONS			PERSONS WITH INCOME 1—					
	Total	White	Black	Below poverty level			Above poverty level		
				Total	White	Black	Total	White	Black
Calories, mean.....	1,994	2,017	1,825	1,817	1,858	1,742	2,021	2,032	1,886
Median.....	1,820	1,840	1,668	1,645	1,675	1,583	1,845	1,858	1,725
Protein (g), mean.....	77.83	78.92	69.65	68.76	70.42	65.65	79.11	79.67	72.50
Median.....	69.63	70.78	60.85	61.41	63.75	57.92	70.96	71.47	64.27
Calcium (mg), mean.....	867	897	654	782	849	658	882	903	652
As percent of standard.....	175	181	131	156	171	129	178	182	132
Median.....	727	755	553	653	722	558	740	760	549
Iron (mg), mean.....	11.95	12.10	10.80	10.70	10.90	10.26	12.13	12.21	11.21
As percent of standard.....	98	99	86	88	90	81	99	100	91
Median.....	10.58	10.69	9.55	9.38	9.58	8.79	10.77	10.81	9.97
Vitamin A (I.U.), mean.....	4,774	4,802	4,613	4,381	4,286	4,587	4,821	4,837	4,714
As percent of standard.....	150	150	150	145	142	152	151	151	151
Median.....	3,060	3,132	2,569	2,627	2,685	2,475	3,147	3,190	2,654
Vitamin C (mg), mean.....	86.32	86.99	80.01	72.05	69.33	75.97	88.53	88.83	83.31
As percent of standard.....	167	168	159	146	140	157	171	171	162
Median.....	59.23	60.42	49.09	41.37	39.89	46.61	61.97	62.92	50.92

<sup>1</sup> See text, p. 418, and tables 744 and 746.

Source: U.S. National Center for Health Statistics, *Vital and Health Statistics*, series 11, No. 202.

## NO. 211. FEDERAL FOOD PROGRAMS: 1960 TO 1980

[For years ending June 30 except, beginning 1977, ending Sept. 30. Includes Puerto Rico, Guam, Trust Territory of the Pacific Islands, Virgin Islands, and, beginning 1965, American Samoa. All participation data are average monthly figures. Participants are not reported for special milk program, nutrition program for the elderly and charitable institutions program. Cost data are direct benefits to recipients; excludes expenditures for administrative and other operational costs. Beginning 1978, data are preliminary]

PROGRAM	Unit	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980
<b>Food stamp:</b>											
Participants.....	Million.....	(x)	.4	4.3	12.9	17.1	18.5	17.1	16.0	17.7	21.1
Federal cost.....	Mil. dol.....	(x)	33	550	2,718	4,386	5,327	5,067	5,165	6,478	8,685
<b>National school lunch program (NSLP):<sup>1</sup></b>											
Children participating.....	Million.....	13.8	18.3	22.5	24.6	24.9	25.5	26.3	26.7	27.2	26.7
Federal cost <sup>2</sup> .....	Mil. dol.....	94	130	300	1,085	1,289	1,479	1,674	1,825	2,002	2,292
<b>School breakfast (SB):</b>											
Children participating.....	Million.....	(x)	(x)	.5	1.4	1.8	2.2	2.5	2.8	3.3	3.6
Federal cost <sup>2</sup> .....	Mil. dol.....	(x)	(x)	11	59	86	113	146	178	224	281
<b>Special school milk:</b>											
Quantity reimbursed.....	Mil. ½ pt.....	2,385	2,967	2,902	1,426	2,139	2,305	2,247	1,986	1,857	1,852
Federal cost.....	Mil. dol.....	81	97	101	49	123	144	153	142	141	154
<b>Women-infant-children:<sup>3</sup></b>											
Participants.....	Million.....	(x)	(x)	.1	.2	.5	.7	1.0	1.2	1.6	2.0
Federal cost.....	Mil. dol.....	(x)	(x)	8	23	94	155	227	334	447	617
<b>Child care feeding:<sup>4</sup></b>											
Children participating.....	Million.....	(x)	(x)	.1	.3	.4	.4	.5	.5	.6	.7
Federal cost.....	Mil. dol.....	(x)	(x)	<sup>5</sup> 8	<sup>5</sup> 62	<sup>5</sup> 99	88	124	149	183	230
<b>Summer feeding:<sup>6</sup></b>											
Children participating.....	Million.....	(x)	(x)	.1	1.1	1.3	2.0	2.1	1.8	1.6	1.8
Federal cost.....	Mil. dol.....	(x)	(x)	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	72	126	107	112	131
<b>Needy family commodity:</b>											
Participants.....	Million.....	3.8	5.3	3.8	2.0	.3	.1	.1	.1	.1	.1
Federal cost.....	Mil. dol.....	59	227	289	205	56	11	11	13	21	20
Federal cost of commodities donated to:											
Schools (NSLP and SB).....	Mil. dol.....	132	272	265	387	424	419	542	609	682	858
Charitable institutions.....	Mil. dol.....	16	30	23	25	20	12	18	29	50	63
Nutrition for the elderly.....	Mil. dol.....	(x)	(x)	(x)	(x)	2	9	19	38	52	68

X Not applicable. <sup>1</sup> See headnote, table 213.

<sup>2</sup> Excludes cost of commodities donated to schools. Excludes State contributions to cost of meals. <sup>3</sup> Covers special supplemental food program (WIC) and commodity supplemental food program only.

<sup>4</sup> Program provides year-round subsidies to feed preschool children in child care centers and family day care homes. Between 1970 and 1975 program was combined with summer feeding program.

<sup>5</sup> Cost data for summer feeding program included with child care feeding program. <sup>6</sup> Program provides free meals to children in poor areas during summer months. See also footnote 4.

Source: U.S. Dept. of Agriculture, Food and Nutrition Service. In *Agricultural Statistics*, annual, and unpublished data.

## NO. 212. FEDERAL FOOD STAMP PROGRAM: 1961 TO 1980

[Beginning 1975, includes Puerto Rico, Guam, and Virgin Islands. Data for U.S. are periodically revised; therefore data will not match U.S. totals in table 213]

YEAR (ending June 30)	Partici- pants <sup>1</sup> (1,000)	Average monthly partici- pation (1,000)	VALUE OF STAMPS ISSUED				
			Total cou- pon value (mil. dol.)	Cost to parti- cipants (mil. dol.)	Federal Govt. contribution		
					Total (mil. dol.)	Percent of total coupon value	Average monthly per partici- pant
1961.....	50	50	1	(z)	(z)	46.1	\$7.68
1965.....	633	425	85	53	33	38.0	6.38
1970.....	6,457	4,340	1,090	540	550	50.4	10.55
1971.....	10,549	9,368	2,713	1,190	1,523	56.1	13.55
1972.....	11,594	11,109	3,309	1,512	1,797	54.3	13.48
1973.....	12,107	12,166	3,884	1,753	2,131	54.9	14.60
1974.....	13,524	12,862	4,727	2,009	2,718	57.5	17.61
1975.....	19,197	17,064	7,266	2,880	4,386	60.4	21.41
1976.....	17,982	18,549	8,700	3,373	5,327	61.2	23.93
1977 <sup>2</sup> .....	16,134	17,077	8,351	3,284	5,067	60.7	24.73
1978, prel. <sup>2</sup> .....	15,270	16,044	8,311	3,146	5,165	62.1	26.83
1979, prel. <sup>2</sup> .....	19,296	17,670	<sup>3</sup> 7,223	<sup>3</sup> 745	6,478	( <sup>3</sup> )	30.55
1980, prel. <sup>2</sup> .....	21,992	21,071	( <sup>3</sup> )	( <sup>3</sup> )	8,685	( <sup>3</sup> )	34.35

Z Less than \$500,000.

<sup>1</sup> As of end of fiscal year.

<sup>2</sup> For year ending Sept. 30.

<sup>3</sup> As of Jan. 1, 1979, participants were no longer required to pay for a portion of total coupon value.

Source: U.S. Dept. of Agriculture, Food and Nutrition Service. In *Agricultural Statistics*, annual.

# NO. 213. FEDERAL FOOD STAMP AND NATIONAL SCHOOL LUNCH PROGRAMS—STATES AND OTHER AREAS: 1975 TO 1980

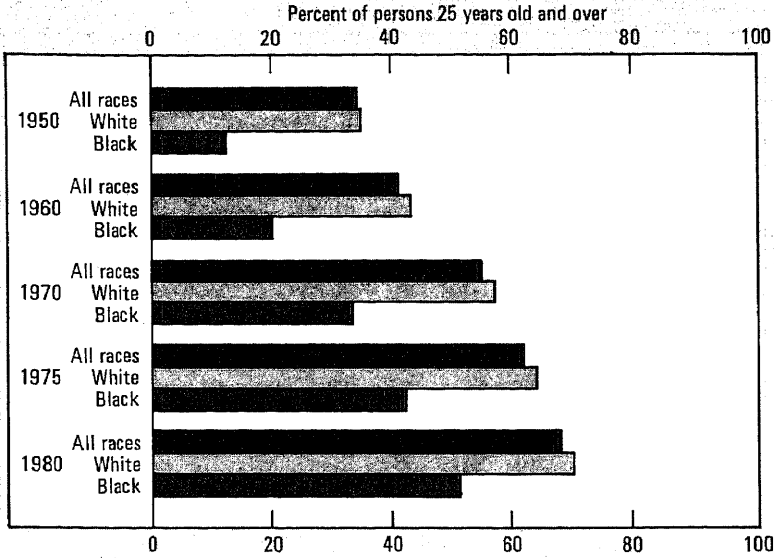
[Cost data: 1975 for year ending June 30. Beginning 1979 year ending Sept. 30. Food stamp participants as of June 30 for 1975, as of Sept. 30 beginning 1979. Data on pupils participating in National School Lunch Program are for month in which most pupils participated nationwide. For National School Lunch Program, covers public and private elementary and secondary schools and residential child care institutions. Sponsors of school lunch programs are reimbursed by Federal Government at rates set by law for each meal served]

STATE OR OTHER AREA	FOOD STAMP PROGRAM						NATIONAL SCHOOL LUNCH PROGRAM					
	Persons (1,000)			Federal cost (mil. dol.)			Pupils (1,000)			Federal cost (mil. dol.)		
	1975	1979, prel.	1980, prel.	1975	1979, prel.	1980, prel.	1975	1979	1980	1975	1979	1980
<b>Total.....</b>	<b>19,197</b>	<b>19,309</b>	<b>22,023</b>	<b>4,385.5</b>	<b>6,477.5</b>	<b>8,694.1</b>	<b>25,289</b>	<b>27,209</b>	<b>27,182</b>	<b>1,289.0</b>	<b>2,001.9</b>	<b>2,292.5</b>
<b>U.S.....</b>	<b>17,351</b>	<b>17,439</b>	<b>20,123</b>	<b>4,115.1</b>	<b>5,703.6</b>	<b>7,835.4</b>	<b>24,740</b>	<b>26,595</b>	<b>26,559</b>	<b>1,253.0</b>	<b>1,932.7</b>	<b>2,210.4</b>
Ala.....	393	794	605	102.8	173.9	245.8	634	643	629	36.7	53.4	60.6
Alaska.....	12	25	32	6.6	13.0	21.6	35	34	33	1.2	2.2	4.0
Ariz.....	166	129	227	40.8	53.6	94.4	241	283	318	11.3	20.0	22.9
Ark.....	267	275	301	74.9	89.5	121.5	341	349	355	18.4	26.7	30.1
Calif.....	1,517	1,342	1,576	360.8	432.6	527.8	1,499	1,838	1,950	97.0	178.0	199.3
Colo.....	162	139	173	44.2	52.1	70.9	257	306	304	11.1	18.3	21.5
Conn.....	189	165	174	34.5	46.7	59.0	221	306	288	10.7	21.5	23.4
Del.....	39	45	53	7.7	14.8	21.4	81	55	68	3.3	4.5	5.3
D.C.....	111	99	104	25.7	33.4	40.1	74	74	57	5.8	7.6	8.9
Fla.....	767	828	996	206.6	307.2	420.0	945	1,074	1,085	51.4	87.5	99.4
Ga.....	569	558	656	129.3	182.6	263.9	845	874	891	50.2	71.1	80.1
Hawaii.....	84	96	106	23.6	42.1	59.8	157	163	162	4.8	9.0	9.2
Idaho.....	39	48	67	10.4	17.5	27.8	98	119	121	3.3	5.9	7.4
Ill.....	948	837	915	235.7	319.6	394.2	1,079	1,093	1,135	55.6	79.9	90.6
Ind.....	255	275	399	58.2	87.4	154.3	738	681	720	23.5	34.3	38.1
Iowa.....	118	117	156	28.1	36.6	53.3	465	464	445	14.5	20.9	23.8
Kans.....	63	73	104	12.3	23.2	37.8	304	307	308	10.8	16.7	18.9
Ky.....	449	411	486	128.4	146.4	211.6	572	568	567	29.4	41.7	47.4
La.....	502	523	584	148.4	176.1	243.2	805	752	767	46.8	59.1	67.4
Maine.....	151	121	139	31.0	45.2	59.2	136	148	145	7.3	11.8	13.4
Md.....	273	295	331	76.2	107.7	139.5	396	446	434	20.2	30.5	35.3
Mass.....	560	411	446	81.7	163.3	171.3	734	703	703	30.3	45.3	50.8
Mich.....	685	705	903	123.4	171.1	262.8	712	919	903	33.5	54.9	67.3
Minn.....	191	143	187	40.3	44.2	61.9	571	554	557	20.7	29.6	31.8
Miss.....	390	576	519	109.7	150.3	198.2	439	439	430	31.5	44.0	49.6
Mo.....	299	284	364	82.0	89.3	141.6	639	670	664	26.3	39.0	45.2
Mont.....	38	33	46	10.9	11.8	18.3	92	98	110	3.3	6.3	8.2
Nebr.....	50	54	72	11.3	16.0	24.9	195	206	204	6.7	10.6	12.1
Nev.....	34	27	37	10.5	9.7	15.3	50	72	79	2.0	4.1	5.0
N.H.....	66	43	53	11.3	15.8	21.4	83	103	101	3.4	6.3	7.6
N.J.....	565	550	613	125.2	179.9	227.5	557	685	679	29.9	52.8	63.1
N. Mex.....	154	156	191	46.4	55.1	80.6	179	178	174	11.8	16.9	19.3
N.Y.....	1,398	1,628	1,807	209.9	520.6	725.0	1,756	1,776	1,563	102.2	157.2	186.7
N.C.....	537	518	592	121.9	171.6	234.1	922	1,010	932	52.9	80.2	89.6
N. Dak.....	19	20	28	4.5	6.3	9.2	93	97	93	3.4	4.8	5.4
Ohio.....	924	759	918	253.4	277.8	380.6	1,102	1,221	1,156	48.6	75.0	82.6
Okla.....	184	184	214	37.7	49.8	72.9	387	398	408	16.9	25.3	29.5
Oreg.....	208	160	213	56.1	60.0	80.0	240	272	275	9.8	15.3	17.7
Pa.....	893	904	1,030	174.9	293.6	371.9	1,154	1,238	1,331	54.3	84.0	94.1
R.I.....	104	79	89	18.0	23.9	30.3	84	80	69	4.5	6.8	7.3
S.C.....	421	370	444	121.3	121.0	181.2	480	509	488	32.6	44.8	50.4
S. Dak.....	31	37	46	7.7	11.0	17.7	101	106	101	4.2	6.5	7.5
Tenn.....	435	531	675	115.4	189.5	278.7	626	653	647	31.9	47.0	54.9
Tex.....	1,085	1,097	1,203	315.2	362.0	514.4	1,522	1,764	1,835	89.3	140.8	164.1
Utah.....	50	44	65	11.0	13.2	21.6	199	241	233	6.6	11.6	14.2
Vt.....	46	40	45	9.3	12.5	17.5	60	59	59	2.7	4.0	4.6
Va.....	293	320	412	63.2	96.1	157.6	724	745	720	32.8	47.7	53.5
Wash.....	239	203	260	69.0	71.5	90.1	326	373	355	15.0	23.3	25.7
W.Va.....	204	182	216	56.1	64.7	85.7	255	262	345	13.8	20.4	23.0
Wis.....	163	177	237	29.3	47.2	68.1	505	526	533	17.6	27.1	31.6
Wyo.....	11	11	15	2.7	3.5	6.8	41	51	51	1.4	2.4	2.8
P. Rico.....	1,800	1,816	1,841	261.0	747.9	825.1	497	533	549	33.1	59.8	71.2
Am. Samoa.....	(x)	(x)	(x)	(x)	(x)	(x)	9	9	9	.6	1.0	.9
Guam.....	21	20	24	3.5	9.7	14.6	21	21	22	.8	1.5	1.9
Virgin Is.....	25	34	34	5.9	16.3	19.0	23	20	20	1.6	2.4	2.6
Trust Terr.....	(x)	(x)	(x)	(x)	(x)	(x)	-	31	23	-	4.5	5.1

- Represents zero. X Not applicable.

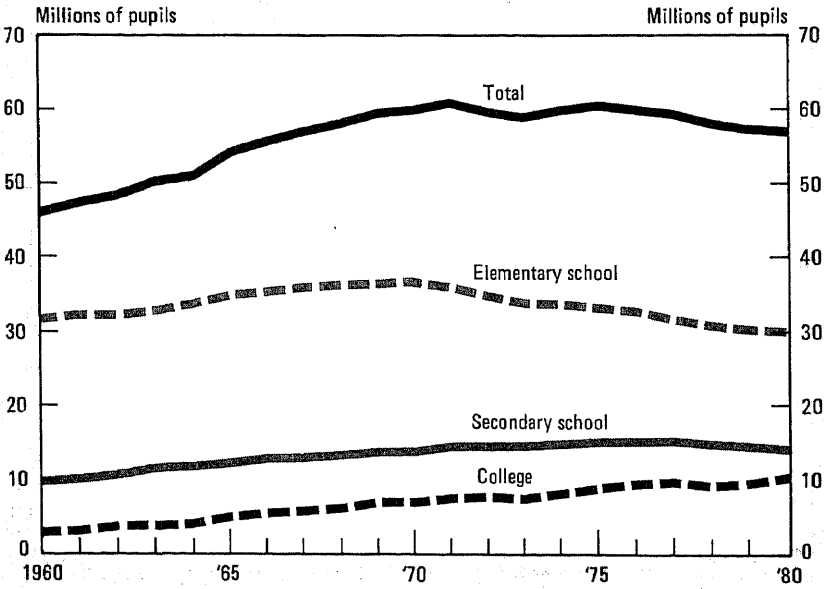
Source: U.S. Dept. of Agriculture, Food and Nutrition Service, *National School Lunch Program* and *Agricultural Statistics*, both annual; and unpublished data.

**Figure 5.1**  
**Percent of Adults Who Have Completed Four Years of High School or More: 1950 to 1980**



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 231.

**Figure 5.2**  
**School Enrollment, by Level of Instruction: 1960 to 1980**



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 223.



## Section 5

# Education

This section presents data primarily concerning formal education as a whole, at various levels, and for public and private schools. Data shown relate to the school-age population and school enrollment, educational attainment, education personnel, and financial aspects of education. In addition, data are shown for libraries, adult education, and vocational training. The chief sources are the decennial census of population and the Current Population Survey (CPS), both conducted by the Bureau of the Census (see text, page 1), and annual, biennial, and other periodic surveys conducted by the National Center for Education Statistics.

The censuses of population have included data on school enrollment since 1840 and on educational attainment since 1940. The CPS has reported on school enrollment annually since 1945 and on educational attainment and illiteracy periodically since 1947.

The National Center for Education Statistics (NCES), part of the U.S. Department of Education, is continuing the pattern of statistical studies and surveys conducted by the U.S. Office of Education since 1870. The annual *Digest of Education Statistics* provides summary data on pupils, staff, finances, including government expenditures, and organization at elementary, secondary, and higher education levels and is also the primary source for detailed information on Federal funds for education and related activities. Projections of enrollment, graduates, teachers, and expenditures appear in the biennial *Projections of Education Statistics. The Condition of Education*, issued annually, presents a summary of information on education.

Other sources of data include special studies by NCES, publications of the National Education Association, and annual or biennial reports of education agencies in individual States. The census of governments, conducted by the Bureau of the Census every 5 years (for the years ending in "2" and "7"), provides data on school district finances and State and local government expenditures for education. Reports published by the Bureau of Labor Statistics contain data relating employment experience to educational attainment. Data on vocational training are available in *Vocational and Technical Education*, through 1978 issued annually by the U.S. Office of Education (see table 290).

**Types and sources of data.**—The statistics in this section are of two general types. One type, exemplified by data from the Bureau of the Census, is based on direct interviews with individuals to obtain information about their own and their families' education. Data of this type relate to school enrollment and level of education attained, classified by age, sex, and other characteristics of the population. The school enrollment statistics reflect attendance or enrollment in any regular school within a given period; educational attainment statistics reflect the highest grade completed by an individual.

The second type, exemplified by data from NCES and the National Education Association, is based on reports from administrators of educational institutions and of State and local agencies having jurisdiction over education. Data of this type relate to enrollment, attendance, staff, and finances for the Nation, individual States, and local areas.

Unlike NCES, the Census Bureau does not regularly include specialized vocational, trade, business, or correspondence schools in its surveys. Both the Bureau of the Census and NCES include kindergartens in enrollment figures; the Census Bureau also includes all nursery schools, while NCES includes only publicly financed ones. At the higher education level, the statistics of both agencies are concerned with institutions granting degrees or offering work acceptable for degree-credit, such as junior colleges.

**School attendance.**—All States require that children attend school. While State laws vary as to the ages and circumstances of compulsory attendance, generally they require that formal schooling begin by age 6 and continue to age 16.

**Schools.**—NCES defines a *school* as "a division of the school system consisting of a group of pupils composed of one or more grade groups, organized as one unit with one or more teachers to give instruction of a defined type, and housed in a school plant of one or more buildings. More than one school may be housed in one school plant, as is the case when the elementary and secondary programs are housed in the same school plant."

**Regular schools** are those which advance a person toward a diploma or degree. They include public and private nursery schools, kindergartens, graded schools, colleges, universities, and professional schools. **Public schools** are schools controlled and supported by local, State, or Federal governmental agencies; **private** or **nonpublic schools** are those controlled and supported mainly by religious organizations or by private persons or organizations.

The Bureau of the Census defines *elementary schools* as including grades 1 through 8; *high schools* as including grades 9 through 12; and *colleges* as including junior or community colleges, regular 4-year colleges, and graduate or professional schools. Statistics reported by NCES and the National Education Association by type of organization, such as elementary level and secondary level, may not be strictly comparable with those from the Bureau of the Census because the grades included at the two levels vary, depending on the level assigned to the middle or junior high school by the local school systems.

**School year.**—Except as otherwise indicated in the tables, data refer to the school year which, for elementary and secondary schools, generally begins in September of the preceding year and ends in June of the year stated. For the most part, statistics concerning school finances are for a 12-month period, usually July 1 to June 30. Enrollment data generally refer to a specific point in time, such as fall, as indicated in the tables.

**Statistical reliability.**—For a discussion of statistical collection, estimation, and sampling procedures and measures of statistical reliability applicable to Census Bureau and NCES data, see Appendix III.

**Historical statistics.**—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1970*. See Appendix I.

#### NO. 214: PUBLIC AND PRIVATE SCHOOLS—NUMBER, BY LEVEL: 1940 TO 1979

[Prior to 1960, excludes Alaska and Hawaii. Schools classified by type of organization, rather than by grade-group; elementary excludes kindergarten and secondary includes junior high schools. See Appendix III and also *Historical Statistics, Colonial Times to 1970*, series H 413-417 and H 689]

TYPE OF SCHOOL	UNIT	1940	1950	1960	1966	1970	1975	1977	1978	1979
<b>Elementary</b> .....	1,000	194.4	138.6	105.4	88.6	81.2	77.6	76.9	(NA)	80.5
Public <sup>1</sup> .....	1,000	<sup>2</sup> 183.1	128.2	91.9	73.2	66.8	<sup>3</sup> 63.6	<sup>3</sup> 62.6	<sup>3</sup> 62.6	<sup>3</sup> 64.4
One-teacher.....	1,000	<sup>2</sup> 107.7	59.7	20.2	6.5	2.1	1.2	1.1	1.1	1.0
Nonpublic <sup>1</sup> <sup>4</sup> .....	1,000	11.3	10.4	13.6	15.3	14.4	14.0	14.3	(NA)	16.1
<b>Secondary</b> .....	1,000	28.7	27.9	29.8	31.2	30.5	29.4	30.1	(NA)	30.0
Public <sup>1</sup> .....	1,000	<sup>2</sup> 25.1	24.5	25.8	26.6	26.3	<sup>3</sup> 25.7	<sup>3</sup> 25.4	<sup>3</sup> 24.7	<sup>3</sup> 24.2
Nonpublic <sup>1</sup> <sup>4</sup> .....	1,000	3.6	3.3	4.1	4.6	4.2	3.7	4.7	(NA)	5.8
<b>Higher education</b> <sup>5</sup> .....	Number	1,708	1,851	2,008	2,230	2,525	2,747	2,785	2,826	2,871
Public.....	Number	603	641	701	821	1,060	1,214	1,231	1,241	1,248
Private.....	Number	1,105	1,210	1,307	1,409	1,465	1,533	1,554	1,585	1,623

NA Not available. <sup>1</sup> Includes combined elementary-secondary schools. <sup>2</sup> 1942 data. <sup>3</sup> Excludes special education schools for the handicapped and, beginning 1978, excludes alternative schools. <sup>4</sup> Partially estimated. <sup>5</sup> Universities, colleges, professional schools, teachers colleges, junior colleges, and U.S. service schools. Branch campuses not counted separately; considered part of parent institution.

Source: U.S. National Center for Education Statistics, 1940 and 1950, *Biennial Survey of Education in the United States*, chapter on Statistical Summary of Education; thereafter, *Digest of Education Statistics*, annual, and unpublished data.

## NO. 215. PUBLIC AND PRIVATE SCHOOLS, BY LEVEL—STATES AND OTHER AREAS

[Schools classified by type of organization, rather than by grade-group; elementary excludes kindergarten and secondary includes junior high school. See Appendix III]

STATE OR OTHER AREA	PUBLIC, 1977					PRIVATE, 1979 <sup>2</sup>				HIGHER EDUCATION, <sup>4</sup> 1981	
	Total	Elementary	Secondary <sup>1</sup>	Combined elem.-sec.	Special schools for the handicapped	Total	Elementary <sup>3</sup>	Secondary	Combined elem.-sec.	Public	Private
<b>U.S.</b> .....	<b>88,025</b>	<b>61,123</b>	<b>23,857</b>	<b>1,521</b>	<b>1,524</b>	<b>18,518</b>	<b>12,749</b>	<b>2,418</b>	<b>3,351</b>	<b>1,497</b>	<b>1,734</b>
Alabama.....	1,328	520	298	510	-	254	118	15	121	37	20
Alaska.....	400	228	97	65	10	30	10	4	16	12	3
Arizona.....	866	639	217	2	8	165	115	20	30	19	9
Arkansas.....	1,188	715	471	-	2	100	53	9	38	19	16
California.....	7,372	5,492	1,543	5	332	1,983	1,382	260	331	135	133
Colorado.....	1,280	835	418	-	27	182	116	24	42	27	17
Connecticut.....	1,098	865	233	-	-	310	197	72	41	24	23
Delaware.....	200	136	52	-	12	66	37	10	19	6	4
District of Columbia.....	194	120	52	12	10	76	51	18	7	1	17
Florida.....	2,014	1,397	496	69	52	733	406	65	262	37	42
Georgia.....	1,766	1,284	438	44	-	291	111	19	161	34	42
Hawaii.....	227	162	52	8	5	100	64	16	20	9	3
Idaho.....	554	357	184	10	3	45	25	3	17	6	3
Illinois.....	4,552	3,155	1,276	8	113	1,153	946	134	73	63	94
Indiana.....	2,149	1,547	510	26	66	457	347	44	66	28	46
Iowa.....	1,889	1,147	717	-	25	289	218	37	34	21	40
Kansas.....	1,651	1,124	515	-	12	162	122	22	18	29	23
Kentucky.....	1,423	1,077	331	-	15	269	197	37	35	21	36
Louisiana.....	1,523	959	342	155	67	422	248	54	120	20	12
Maine.....	761	613	132	8	8	94	39	25	30	12	16
Maryland.....	1,347	990	315	21	21	355	240	57	58	32	25
Massachusetts.....	2,418	1,855	502	-	61	481	313	126	42	33	83
Michigan.....	4,030	2,865	1,054	24	87	842	586	103	153	45	48
Minnesota.....	1,723	1,094	621	8	-	450	352	42	56	30	40
Mississippi.....	1,074	646	428	-	-	160	59	17	84	25	17
Missouri.....	2,249	1,505	744	-	-	514	395	62	57	28	58
Montana.....	802	608	194	-	-	74	47	7	20	9	7
Nebraska.....	1,775	1,379	396	-	-	218	172	28	18	16	14
Nevada.....	263	158	80	16	9	33	24	5	4	6	1
New Hampshire.....	476	379	97	-	-	85	50	25	10	10	15
New Jersey.....	2,486	1,979	442	-	65	743	562	121	60	31	31
New Mexico.....	625	425	175	2	23	92	56	9	27	16	3
New York.....	4,354	2,976	1,183	110	85	1,756	1,275	263	218	86	207
North Carolina.....	2,034	1,425	496	85	28	268	112	20	136	73	53
North Dakota.....	773	455	318	-	-	58	44	7	7	11	5
Ohio.....	4,159	3,096	1,038	1	24	808	644	109	55	60	75
Oklahoma.....	1,857	1,154	700	-	3	75	45	13	17	29	16
Oregon.....	1,284	954	329	1	-	137	88	18	31	21	24
Pennsylvania.....	4,077	2,881	1,007	189	-	1,374	995	176	203	61	139
Rhode Island.....	345	268	66	1	10	96	67	17	12	3	10
South Carolina.....	1,183	795	341	-	27	193	71	11	111	33	28
South Dakota.....	794	563	220	-	11	86	58	15	13	8	12
Tennessee.....	1,711	1,226	340	60	85	230	111	32	87	23	54
Texas.....	5,395	3,249	2,101	-	45	603	434	77	92	96	57
Utah.....	577	388	159	2	28	25	15	4	6	9	5
Vermont.....	402	329	60	10	9	48	20	24	4	6	15
Virginia.....	1,783	1,237	465	48	33	281	149	36	96	39	30
Washington.....	1,688	1,085	531	21	51	295	177	26	93	33	16
West Virginia.....	1,278	898	337	-	43	82	50	10	22	16	12
Wisconsin.....	2,259	1,629	619	-	11	848	713	68	67	31	34
Wyoming.....	389	260	125	-	4	26	13	2	11	8	1
U.S. academies.....	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	10	-
<b>Other areas.....</b>	<b>1,923</b>	<b>1,407</b>	<b>269</b>	<b>227</b>	<b>20</b>	<b>(NA)</b>	<b>(NA)</b>	<b>(NA)</b>	<b>(NA)</b>	<b>11</b>	<b>26</b>
Puerto Rico.....	1,860	1,357	258	226	19	(NA)	(NA)	(NA)	(NA)	8	26
American Samoa.....	30	25	4	-	1	(NA)	(NA)	(NA)	(NA)	1	-
Guam.....	-	-	-	-	-	(NA)	(NA)	(NA)	(NA)	1	-
Virgin Islands.....	33	25	7	1	-	(NA)	(NA)	(NA)	(NA)	1	-

- Represents zero. NA Not available. X Not applicable. <sup>1</sup> Includes junior, senior, junior-senior, and vocational/technical high schools. <sup>2</sup> Does not include special education, vocational/technical, and alternative schools. <sup>3</sup> Includes middle schools. <sup>4</sup> Branch campuses counted as separate institutions.Source: U.S. National Center for Education Statistics, *Statistics of Public Elementary and Secondary Day Schools, 1977-1978 School Year (Final)*; *Education Directory: Colleges and Universities, 1980-81*, forthcoming; and *Digest of Education Statistics*, annual.

## NO. 216. SCHOOL ENROLLMENT, BY TYPE OF SCHOOL: 1960 TO 1980

[In thousands. For 1960, for school year; thereafter, as of fall of preceding year. See *Historical Statistics, Colonial Times to 1970*, series H 421-429, for kindergarten, elementary, and secondary. See also Appendix III]

TYPE OF SCHOOL	1960	1966	1970	1974	1975	1976	1977	1978	1979	1980
<b>Total</b> .....	<b>45,228</b>	<b>54,306</b>	<b>58,566</b>	<b>59,080</b>	<b>59,677</b>	<b>59,817</b>	<b>59,201</b>	<b>58,740</b>	<b>57,686</b>	<b>58,491</b>
<b>Kindergarten</b> <sup>1</sup> .....	<b>2,293</b>	<b>2,493</b>	<b>2,821</b>	<b>2,838</b>	<b>3,002</b>	<b>3,164</b>	<b>3,136</b>	<b>2,985</b>	<b>2,861</b>	<b>2,894</b>
Public.....	1,923	2,262	2,601	2,639	2,784	2,945	2,919	2,766	2,642	2,675
Nonpublic.....	<sup>a</sup> 354	<sup>a</sup> 212	<sup>a</sup> 200	<sup>a</sup> 180	<sup>a</sup> 200	<sup>a</sup> 200	<sup>a</sup> 200	<sup>a</sup> 200	<sup>a</sup> 200	<sup>a</sup> 200
<b>Grades 1-8</b> <sup>4</sup> .....	<b>30,119</b>	<b>33,266</b>	<b>34,190</b>	<b>32,297</b>	<b>32,019</b>	<b>31,118</b>	<b>30,664</b>	<b>30,182</b>	<b>29,381</b>	<b>28,725</b>
Public.....	25,679	28,315	29,996	28,694	28,137	27,542	27,087	26,450	25,813	25,209
Nonpublic.....	<sup>a</sup> 4,286	<sup>a</sup> 4,763	<sup>a</sup> 4,000	<sup>a</sup> 3,420	<sup>a</sup> 3,700	<sup>a</sup> 3,400	<sup>a</sup> 3,400	<sup>a</sup> 3,400	<sup>a</sup> 3,400	<sup>a</sup> 3,350
Residential schools for exceptional children <sup>5</sup> .....	<sup>a</sup> 59	<sup>a</sup> 85	<sup>a</sup> 87	<sup>a</sup> 85	<sup>a</sup> 85	<sup>a</sup> 83	<sup>a</sup> 83	<sup>a</sup> 81	<sup>a</sup> 79	<sup>a</sup> 78
Federal schools:										
For Indians.....	25	32	34	33	31	29	29	<sup>a</sup> 29	<sup>a</sup> 28	<sup>a</sup> 28
On Fed. installations.....	19	29	<sup>a</sup> 33	<sup>a</sup> 25	25	23	24	<sup>a</sup> 24	<sup>a</sup> 23	<sup>a</sup> 23
<b>Grades 9-12</b> <sup>4</sup> .....	<b>9,600</b>	<b>13,021</b>	<b>14,418</b>	<b>15,427</b>	<b>15,633</b>	<b>15,804</b>	<b>15,810</b>	<b>15,766</b>	<b>15,654</b>	<b>15,301</b>
Public high schools.....	8,485	11,597	13,022	14,076	14,132	14,304	14,310	14,233	14,156	13,694
Nonpublic high schools.....	<sup>a</sup> 1,035	<sup>a</sup> 1,329	<sup>a</sup> 1,300	<sup>a</sup> 1,250	<sup>a</sup> 1,400	<sup>a</sup> 1,400	<sup>a</sup> 1,400	<sup>a</sup> 1,400	<sup>a</sup> 1,400	<sup>a</sup> 1,510
Residential schools for exceptional children <sup>5</sup> .....	<sup>a</sup> 24	<sup>a</sup> 35	<sup>a</sup> 37	<sup>a</sup> 41	<sup>a</sup> 41	<sup>a</sup> 41	<sup>a</sup> 41	<sup>a</sup> 41	<sup>a</sup> 41	<sup>a</sup> 39
Federal schools:										
For Indians.....	12	14	12	11	11	11	11	<sup>a</sup> 10	<sup>a</sup> 10	<sup>a</sup> 10
On Fed. installations.....	1	<sup>a</sup> 3	<sup>a</sup> 3	4	4	3	3	<sup>a</sup> 3	<sup>a</sup> 3	<sup>a</sup> 3
<b>Higher education</b> <sup>7</sup> .....	<b>3,216</b>	<b>5,526</b>	<b>7,136</b>	<b>8,518</b>	<b>9,023</b>	<b>9,731</b>	<b>9,589</b>	<b>9,807</b>	<b>9,790</b>	<b>11,570</b>
Publicly controlled.....	1,832	3,624	5,112	6,389	6,838	7,426	<sup>a</sup> 7,275	<sup>a</sup> 7,415	<sup>a</sup> 7,363	9,037
Privately controlled.....	1,384	1,902	2,024	2,130	2,185	2,306	<sup>a</sup> 2,314	<sup>a</sup> 2,392	<sup>a</sup> 2,427	2,533

<sup>1</sup> Includes subcollegiate departments of institutions of higher education, residential schools for exceptional children, and Federal schools, not shown separately. <sup>2</sup> Data from U.S. Bureau of the Census, *Current Population Reports*, series P-20.

<sup>3</sup> Estimated. <sup>4</sup> Includes subcollegiate departments of institutions of higher education, not shown separately. <sup>5</sup> Schools for blind, deaf, mentally deficient, epileptic, and delinquent. <sup>6</sup> Estimate based on 1958 survey. <sup>7</sup> Excludes subcollegiate departments of institutions of higher education. Degree-credit only, except beginning 1980, total enrollment.

Source: U.S. National Center for Education Statistics, *Biennial Survey of Education in the United States*, chapter on Statistical Summary of Education, and *Digest of Education Statistics*, annual.

## NO. 217. SCHOOL EXPENDITURES—PUBLIC AND NONPUBLIC, BY TYPE OF CONTROL AND LEVEL OF INSTRUCTION: 1960 TO 1981

[In billions of dollars, except percent. For school years ending in year shown. Includes nursery, kindergarten, and special programs when provided by school system. Nonpublic elementary and secondary school expenditures are estimates. See *Historical Statistics, Colonial Times to 1970*, series H 494, 499, and 500 for related but not comparable data and H 513-519 for private schools. See also Appendix III]

CONTROL AND LEVEL	1960	1966	1970	1973	1974	1975	1976	1977	1978	1979	1980 <sup>1</sup>	1981 <sup>1</sup>
<b>Total</b> <sup>2</sup> .....	<b>24.7</b>	<b>45.2</b>	<b>70.4</b>	<b>89.7</b>	<b>98.5</b>	<b>111.1</b>	<b>121.8</b>	<b>131.0</b>	<b>140.4</b>	<b>152.1</b>	<b>166.2</b>	<b>181.3</b>
Percent of GNP <sup>4</sup> .....	5.0	6.3	7.3	7.3	7.2	7.6	7.5	7.3	7.1	6.7	6.9	(NA)
<b>Current expenditures</b> <sup>5</sup> .....	<b>20.2</b>	<b>37.6</b>	<b>60.8</b>	<b>81.0</b>	<b>89.3</b>	<b>100.0</b>	<b>110.4</b>	<b>118.9</b>	<b>131.0</b>	<b>142.6</b>	<b>153.9</b>	<b>168.8</b>
Capital outlay <sup>6</sup> .....	4.5	7.6	9.6	8.7	9.2	11.1	11.4	12.1	9.4	9.6	12.3	12.5
<b>Public</b> .....	<b>19.7</b>	<b>35.3</b>	<b>56.8</b>	<b>72.8</b>	<b>80.1</b>	<b>91.3</b>	<b>100.2</b>	<b>107.6</b>	<b>114.6</b>	<b>123.5</b>	<b>135.3</b>	<b>147.6</b>
Percent of total.....	79.8	78.1	80.7	81.6	81.3	82.2	82.3	82.1	81.7	81.2	81.4	81.4
Current expenditures <sup>5</sup> .....	16.1	29.4	49.0	65.7	72.5	82.1	90.7	97.5	106.7	115.4	125.2	137.3
Elementary and secondary <sup>7</sup> .....	13.1	22.7	36.3	48.0	52.2	59.3	65.2	70.6	76.0	81.7	88.9	97.5
Higher education.....	3.0	6.7	12.7	17.7	20.3	22.8	25.5	26.9	30.7	33.7	36.3	39.8
Capital outlay <sup>6</sup> .....	3.6	5.9	7.8	7.1	7.6	9.2	9.5	10.1	7.9	8.1	10.1	10.3
Elementary and secondary <sup>7</sup> .....	2.8	3.8	4.7	4.1	5.0	5.7	5.9	6.2	5.2	5.4	6.1	6.3
Higher education.....	.8	2.1	3.1	3.0	2.6	3.5	3.6	3.9	2.7	2.6	4.0	4.0
<b>Nonpublic</b> .....	<b>5.0</b>	<b>9.9</b>	<b>13.6</b>	<b>16.9</b>	<b>18.4</b>	<b>19.8</b>	<b>21.6</b>	<b>23.4</b>	<b>25.7</b>	<b>28.7</b>	<b>30.9</b>	<b>33.7</b>
Current expenditures <sup>5</sup> .....	4.1	8.2	11.8	15.3	16.8	17.9	19.7	21.4	24.3	27.2	28.7	31.5
Elementary and secondary <sup>7</sup> .....	1.7	3.0	4.2	5.7	6.4	6.6	7.3	8.0	9.0	10.2	11.1	12.2
Higher education.....	2.4	5.2	7.6	9.6	10.4	11.3	12.4	13.4	15.2	17.0	17.6	19.3
Capital outlay <sup>6</sup> .....	.9	1.7	1.8	1.6	1.6	1.9	1.9	2.0	1.5	1.5	2.2	2.2
Elementary and secondary <sup>7</sup> .....	.4	.5	.5	.5	.6	.6	.7	.7	.6	.7	.8	.9
Higher education.....	.5	1.2	1.3	1.1	1.0	1.3	1.2	1.3	.9	.8	1.4	1.3

NA Not available. <sup>1</sup> Estimated. <sup>2</sup> Excludes schools of nursing not affiliated with colleges and universities. <sup>3</sup> Excludes residential schools for exceptional children. <sup>4</sup> GNP = Gross national product; see section 14. Data are for fiscal years ending in years shown. <sup>5</sup> Includes interest. <sup>6</sup> Includes plant expansion. <sup>7</sup> See footnote 1, table 218.

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics*, annual; and *Projections of Education Statistics to 1988-89*.



## NO. 218. SCHOOL EXPENDITURES, BY SOURCE OF FUNDS: 1960 TO 1981

(See headnote, table 217)

TYPE OF SCHOOL AND SOURCE OF FUNDS	TOTAL (bil. dol.)											PERCENT		
	1960	1966	1970	1975	1976	1977	1978	1979	1980, est.	1981, est.		1960	1970	1981, est.
<b>Total</b> .....	<b>24.7</b>	<b>45.2</b>	<b>70.4</b>	<b>111.1</b>	<b>121.6</b>	<b>131.0</b>	<b>140.4</b>	<b>152.1</b>	<b>166.2</b>	<b>181.3</b>		<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
<b>Federal</b> .....	1.7	5.0	7.5	12.1	12.8	14.4	14.6	16.1	17.2	19.2		6.9	10.7	10.6
<b>State</b> .....	7.2	13.1	22.2	38.7	44.4	47.5	51.1	56.4	61.3	68.8		29.1	31.5	37.9
<b>Local</b> .....	9.7	15.1	22.6	33.2	34.6	37.1	39.1	40.1	45.2	46.6		39.3	32.1	25.7
<b>All other</b> .....	6.1	12.0	18.1	27.1	29.8	32.0	35.6	39.5	42.5	46.7		24.7	25.7	25.8
<b>Public</b> .....	19.7	35.3	56.8	91.3	100.0	107.6	114.6	123.5	135.3	147.6		79.8	80.7	81.3
<b>Federal</b> .....	1.2	3.6	5.8	9.8	10.3	11.7	11.7	12.9	13.8	15.4		4.8	8.2	8.5
<b>State</b> .....	7.2	13.0	22.1	38.4	44.1	47.2	50.8	56.1	60.9	68.5		29.1	31.4	37.8
<b>Local</b> .....	9.7	15.1	22.5	33.1	34.5	37.0	39.0	40.0	45.1	46.5		39.3	32.0	25.6
<b>All other</b> .....	1.6	3.6	6.4	10.0	11.1	11.7	13.2	14.4	15.5	17.0		6.5	9.1	9.4
<b>Nonpublic</b> .....	5.0	9.9	13.6	19.8	21.6	23.4	25.7	28.7	30.9	33.7		20.2	19.3	18.7
<b>Federal</b> .....	.5	1.4	1.7	2.3	2.5	2.7	2.9	3.2	3.4	3.8		2.0	2.4	2.1
<b>State and local</b> .....	(2)	.1	.2	.4	.4	.4	.4	.4	.5	.4		(2)	.2	.2
<b>All other</b> .....	4.5	8.4	11.7	17.1	18.7	20.3	22.4	25.1	27.0	29.7		18.2	16.6	16.4
<b>Elementary and secondary</b> <sup>1</sup> .....	<b>18.0</b>	<b>30.0</b>	<b>45.7</b>	<b>72.2</b>	<b>78.9</b>	<b>85.5</b>	<b>90.9</b>	<b>98.0</b>	<b>107.1</b>	<b>116.3</b>		<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
<b>Federal</b> .....	.7	2.1	3.4	6.0	6.3	7.4	7.7	8.5	9.1	10.1		3.9	7.4	8.7
<b>State</b> .....	5.6	9.6	15.8	27.2	31.6	34.0	36.0	39.8	42.9	48.5		31.1	34.6	41.7
<b>Local</b> .....	9.5	14.7	21.7	31.7	32.9	35.3	37.3	38.5	43.1	44.6		52.8	47.5	38.3
<b>Public</b> .....	15.9	26.5	41.0	65.0	70.9	76.8	81.2	87.1	95.4	103.5		88.3	89.7	89.0
<b>Federal</b> .....	.7	2.1	3.4	6.0	6.3	7.4	7.7	8.5	9.1	10.1		3.9	7.4	8.7
<b>State</b> .....	5.6	9.6	15.8	27.2	31.6	34.0	36.0	39.8	42.9	48.5		31.1	34.6	41.7
<b>Local</b> .....	9.5	14.7	21.7	31.7	32.9	35.3	37.3	38.5	43.1	44.6		52.8	47.5	38.3
<b>All other</b> .....	.1	.1	.1	.1	.1	.1	.2	.3	.3	.3		.6	.2	.3
<b>Nonpublic</b> .....	2.1	3.5	4.7	7.2	8.0	8.7	9.6	10.9	11.7	12.8		22.7	10.3	11.0
<b>Institutions of higher education</b> .....	<b>6.7</b>	<b>15.2</b>	<b>24.7</b>	<b>38.9</b>	<b>42.7</b>	<b>45.5</b>	<b>49.5</b>	<b>54.2</b>	<b>59.1</b>	<b>65.0</b>		<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
<b>Federal</b> .....	1.0	2.9	4.1	6.1	6.5	7.0	6.8	7.6	8.1	9.1		14.9	16.6	14.0
<b>State</b> .....	1.6	3.5	6.4	11.5	12.8	13.5	15.1	16.6	18.4	20.3		23.9	25.9	31.2
<b>Local</b> .....	.2	.4	.9	1.5	1.7	1.8	1.8	1.6	2.1	2.0		3.0	3.6	3.1
<b>All other</b> .....	3.9	8.4	13.3	19.8	21.7	23.2	25.8	28.3	30.6	33.6		58.2	53.9	51.7
<b>Public</b> .....	3.8	8.8	15.8	26.3	29.1	30.8	33.4	36.4	39.9	43.9		56.7	64.0	67.5
<b>Federal</b> .....	.5	1.5	2.4	3.8	4.0	4.3	4.0	4.4	4.7	5.3		7.5	9.7	8.2
<b>State</b> .....	1.6	3.4	6.3	11.2	12.5	13.2	14.8	16.3	18.0	20.0		23.9	25.5	30.8
<b>Local</b> .....	.2	.4	.8	1.4	1.6	1.7	1.7	1.5	2.0	1.9		3.0	3.2	2.9
<b>All other</b> .....	1.5	3.5	6.3	9.9	11.0	11.6	13.0	14.1	15.2	16.7		22.4	25.5	25.7
<b>Nonpublic</b> .....	2.9	6.4	8.9	12.6	13.6	14.7	16.1	17.8	19.2	21.1		43.3	36.0	32.5
<b>Federal</b> .....	.5	1.4	1.7	2.3	2.5	2.7	2.9	3.2	3.4	3.8		7.5	6.9	5.8
<b>State and local</b> .....	(2)	.1	.2	.4	.4	.4	.4	.4	.5	.4		(2)	.8	.6
<b>All other</b> .....	2.4	4.9	7.0	9.9	10.7	11.6	12.8	14.2	15.3	16.9		35.8	28.3	26.0

Z Less than \$50 million or less than .05 percent. <sup>1</sup> Includes, in addition to regular schools, "other" schools such as residential schools for exceptional children, Federal schools for Indians, and federally operated schools on military posts; includes items not shown separately.

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics*, annual.

## NO. 219. FEDERAL OUTLAYS FOR EDUCATION AND RELATED ACTIVITIES: 1960 TO 1981

[In millions of dollars. Years ending June 30 except, beginning 1977, ending Sept. 30. See headnote, table 220]

YEAR	OUTLAYS SUPPORTING EDUCATION IN EDUCATIONAL INSTITUTIONS					Other outlays for education and related activities
	Total	Grants			Loans, higher education	
		Total	Elementary, secondary	Higher education	Vocational technical	
1960.....	1,734	1,493	490	830	173	2,267
1966.....	5,844	5,232	2,037	2,272	923	3,820
1970.....	9,236	8,728	3,206	3,911	1,611	3,329
1972.....	11,782	11,433	3,840	5,172	2,421	4,516
1973.....	12,689	12,343	4,033	5,965	2,344	4,706
1974.....	13,082	12,729	4,130	6,064	2,535	4,847
1975.....	17,604	17,124	4,884	7,992	4,248	5,863
1976.....	19,553	19,157	4,679	9,675	4,803	6,137
1977.....	18,780	18,459	4,965	8,899	4,594	7,568
1978.....	21,598	20,795	5,707	9,385	5,703	7,442
1979.....	24,383	22,995	6,714	9,322	6,958	8,390
1980, est.	26,753	24,952	7,355	9,904	7,692	9,230
1981, est.	26,771	25,275	7,737	9,828	7,710	9,264

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics*, annual.

## NO. 220. FEDERAL OUTLAYS FOR EDUCATION AND RELATED ACTIVITIES: 1970 TO 1981

[In millions of dollars, except as indicated. For years ending June 30 except, beginning 1977, ending September 30. Includes Puerto Rico and outlying areas. Minus sign (-) denotes repayments exceeding new loans for data on loans and decrease for percent change. For explanation of average annual percent change, see Guide to Tabular Presentation]

TYPE OF SUPPORT, LEVEL, AND PROGRAM AREA	1970	1975	1976	1977	1978	1979	1980, est.	1981, est.
<b>Federal outlays supporting education in educational institutions, total.....</b>	<b>9,236</b>	<b>17,604</b>	<b>19,553</b>	<b>18,780</b>	<b>21,598</b>	<b>24,383</b>	<b>26,753</b>	<b>26,771</b>
Average annual percent change <sup>1</sup> .....	8.4	13.8	11.1	-3.9	15.0	12.9	9.7	.1
<b>Grants.....</b>	<b>8,728</b>	<b>17,124</b>	<b>19,157</b>	<b>18,459</b>	<b>20,795</b>	<b>22,995</b>	<b>24,952</b>	<b>25,275</b>
Elementary-secondary education <sup>2</sup> .....	3,206	4,884	4,679	4,965	5,707	6,714	7,355	7,737
School assistance—Fed. affected areas.....	656	619	599	765	766	912	821	554
Assistance for educationally deprived <sup>3</sup> .....	1,208	2,765	2,647	2,856	3,408	4,083	4,677	5,187
Economic opportunity <sup>4</sup> .....	534							
Supporting services <sup>5</sup> .....	296	361	336	377	398	403	395	393
Teacher Corps.....	18	39	24	3	8	14	14	15
Vocational education.....	181	351	388	309	297	358	460	461
Dependents' schools abroad.....	137	235	238	280	297	350	356	421
Public lands revenue for schools.....	82	149	131	93	256	270	322	373
Assistance in special areas <sup>6</sup> .....	79	136	118	84	79	50	49	54
Emergency school assistance.....	-	197	172	181	169	238	212	227
Higher education.....	<sup>2</sup> 3,911	7,992	9,675	8,899	9,385	9,322	9,904	9,828
Basic research in U.S. educational institutions proper <sup>7</sup> .....	984	1,271	1,421	1,638	2,111	2,459	2,733	3,002
Research facilities <sup>7</sup> .....	225	168	225	312	431	456	481	401
Training grants, fellowships, traineeships.....	896	1,082	1,037	985	1,126	974	1,076	1,004
Facilities and equipment.....	513	336	296	329	169	100	102	86
Other institutional support.....	178	428	488	458	474	541	587	585
Other student assistance.....	1,102	4,708	6,209	5,177	5,075	4,791	4,926	4,750
Vocational-technical and continuing.....	1,611	4,248	4,803	4,594	5,703	6,958	7,692	7,710
Vocational, technical and work training <sup>8</sup> .....	1,269	3,037	3,405	3,575	4,964	6,356	7,200	7,230
Veterans education.....	251	1,013	1,125	779	498	393	331	265
General continuing education <sup>9</sup> .....	66	152	208	190	167	158	117	172
Training of Federal, State, and local government personnel.....	25	47	65	51	54	52	45	43
<b>Loans, higher education.....</b>	<b>508</b>	<b>480</b>	<b>396</b>	<b>322</b>	<b>802</b>	<b>1,388</b>	<b>1,802</b>	<b>1,496</b>
Student loan program, NDEA <sup>10</sup> .....	197	449	420	378	748	1,371	1,766	1,475
College facilities loans <sup>11</sup> .....	311	31	-24	-57	55	17	35	21
<b>Other Federal outlays for education and related activities, total.....</b>	<b>3,411</b>	<b>5,908</b>	<b>6,169</b>	<b>7,615</b>	<b>7,485</b>	<b>8,461</b>	<b>9,304</b>	<b>9,349</b>
Average annual percent change <sup>1</sup> .....	-1.0	12.0	4.6	23.3	-1.7	12.7	10.0	.4
Applied research and development <sup>7</sup> .....	1,240	2,067	2,166	2,575	2,614	2,940	3,097	3,289
School lunch and milk programs.....	676	1,832	1,890	2,092	2,665	3,064	3,521	3,289
Training of Federal military personnel.....	676	996	975	1,037	1,033	1,192	1,279	1,300
Professional training, military.....	492	727	694	754	739	(NA)	(NA)	(NA)
U.S. military academies.....	184	270	282	282	294	(NA)	(NA)	(NA)
Library services.....	170	287	304	306	333	359	469	474
International Development Assistance.....	111	45	33	46	44	71	73	85
Other <sup>2</sup> .....	567	681	801	858	797	836	863	912
Agricultural extension service.....	125	219	219	239	240	262	250	264
Educational television facilities <sup>12</sup> .....	19	65	79	110	129	125	155	166
Surplus personal property transferred <sup>13</sup> .....	246	216	295	262	197	216	184	203
Surplus real property transferred <sup>14</sup> .....	12	37	22	29	13	6	14	(NA)

- Represents zero. NA Not available. <sup>1</sup>For 1970, change from 1968; for 1975, change from 1970. <sup>2</sup>Includes other outlays not shown separately. <sup>3</sup>Comprises Elementary and Secondary Education Act Title I, handicapped children, dropout prevention, bilingual education, Kendall School for the Deaf, and Model School for the Deaf. <sup>4</sup>Comprises Office of Economic Opportunity, Indian education, Appalachian Regional Development, Department of Labor, and Head Start preschool.

<sup>5</sup>Comprises supplemental centers school library materials, strengthening of State education agencies, captioned films for the deaf, dissemination of information, school counseling and testing, American Printing House for the Blind, planning and evaluation, and equipment and minor remodeling.

<sup>6</sup>Comprises funds for District of Columbia, Canal Zone (beginning 1980 excludes Canal Zone), territories and dependencies, Cuban refugees, and payments in lieu of taxes other than P.L. 81-874 and P.L. 81-815 for federally affected areas.

<sup>7</sup>Data from U.S. National Science Foundation, *Federal Funds for Research, Development, and Other Scientific Activities*. Higher education data include university operated research and development centers.

<sup>8</sup>Comprises adult vocational education and manpower training programs.

<sup>9</sup>Comprises Office of Education, ACTION (previously Peace Corps), Social and Rehabilitation Service, Dept. of Housing and Urban Development, Office of Economic Development, and additional programs for continuing education. <sup>10</sup>Comprises National Defense Education Act and insured student loans. <sup>11</sup>Comprises net amounts (loans minus loan repayments) for Dept. of Housing and Urban Development college housing loans, Office of Education college facilities loans, and Federal loans to the District of Columbia for school construction.

<sup>12</sup>Includes education broadcasting facilities. <sup>13</sup>Acquisition cost. <sup>14</sup>Fair value.

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics*, annual.

### NO. 221. ENROLLMENT IN PUBLIC AND NONPUBLIC SCHOOLS, BY LEVEL, 1965 TO 1978, AND PROJECTIONS, 1980 TO 1988

[In thousands. As of fall. Elementary covers kindergarten through 8th grade; secondary, grades 9 through 12 and postgraduates in secondary schools. Both are for regular day schools. Data exclude independent nursery schools and kindergartens, residential schools for exceptional children, subcollegiate departments of colleges, Federal schools for Indians, and federally operated schools on Federal installations. College data include degree-credit and nondegree-credit enrollment.]

ITEM	1965	1970	1975	1978	1980	1984	1985	1986	1987	1988
<b>Total</b> .....	<b>54,394</b>	<b>59,899</b>	<b>61,063</b>	<b>58,948</b>	<b>57,382</b>	<b>55,122</b>	<b>55,111</b>	<b>55,292</b>	<b>55,576</b>	<b>55,938</b>
Public.....	46,143	52,337	53,626	51,395	49,820	47,563	47,522	47,652	47,866	48,128
Nonpublic.....	8,251	7,562	7,437	7,553	7,562	7,559	7,589	7,640	7,710	7,810
Elementary.....	35,463	36,686	34,174	32,061	30,974	30,208	30,257	30,675	31,369	32,223
Public.....	30,563	32,577	30,487	28,455	27,389	26,428	26,448	26,851	27,495	28,259
Nonpublic.....	4,900	4,109	3,687	3,606	3,585	3,780	3,809	3,824	3,874	3,964
Secondary.....	13,010	14,632	15,704	15,628	14,797	13,422	13,496	13,402	13,103	12,667
Public.....	11,610	13,332	14,304	14,156	13,307	12,063	12,100	11,929	11,578	11,115
Nonpublic.....	1,400	1,300	1,400	1,472	1,490	1,359	1,396	1,473	1,525	1,552
College.....	5,921	8,581	11,185	11,259	11,611	11,492	11,358	11,215	11,104	11,048
Public.....	3,970	6,428	8,835	8,784	9,124	9,072	8,974	8,872	8,793	8,754
Nonpublic.....	1,951	2,153	2,350	2,475	2,487	2,420	2,384	2,343	2,311	2,294

Source: U.S. National Center for Education Statistics, *Projections of Education Statistics to 1988-1989*.

### NO. 222. ENROLLMENT IN PUBLIC AND PRIVATE SCHOOLS: 1960 TO 1980

[In millions, except percent. See headnote, table 223]

YEAR	PUBLIC						PRIVATE					
	Total	Nurs- ery	Kinder- garten	Ele- mentary	High school	Col- lege	Total	Nurs- ery	Kinder- garten	Ele- mentary	High school	Col- lege
1960.....	39.0	(NA)	27.5		9.2	2.3	7.2	(NA)	4.9		1.0	1.3
1965.....	45.5	.1	2.4	27.6	11.5	3.8	9.2	.4	.6	4.9	1.5	1.8
1970.....	52.2	.3	2.6	30.0	13.5	5.7	8.1	.8	.5	3.9	1.2	1.7
1975.....	52.8	.6	2.9	27.2	14.5	7.7	8.2	1.2	.5	3.3	1.2	2.0
1976.....	52.4	.5	3.0	26.7	14.5	7.7	8.1	1.1	.5	3.1	1.2	2.2
1977.....	51.6	.6	2.7	26.0	14.5	7.9	8.4	1.1	.5	3.3	1.2	2.3
1978.....	50.0	.6	2.5	25.3	14.2	7.4	8.6	1.2	.5	3.2	1.2	2.4
1979.....	49.7	.6	2.6	24.8	14.0	7.7	8.2	1.2	.4	3.1	1.1	2.3
1980.....	48.2	.6	2.7	24.4	(NA)		9.2	1.4	.5	3.1	(NA)	
Percent White:												
1960.....	85.7	(NA)	84.3		88.2	92.2	95.7	(NA)	95.3		96.7	96.3
1965.....	85.0	73.2	85.5	83.3	86.5	92.9	95.5	91.1	90.9	96.4	95.7	95.3
1970.....	84.5	59.5	84.4	83.1	85.6	90.7	93.4	91.1	88.2	94.1	96.1	92.8
1975.....	83.2	68.3	82.9	82.3	83.5	87.3	91.6	88.6	89.1	93.3	94.2	89.9
1979.....	82.3	67.3	79.8	81.5	82.5	86.7	89.7	90.0	85.2	89.6	92.1	89.3
1980.....	82.0	68.2	80.7	80.9	(NA)		89.0	89.0	87.0	90.7	(NA)	

NA Not available.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 362, and earlier reports; and unpublished data.

### NO. 223. SCHOOL ENROLLMENT, BY SEX AND BY LEVEL: 1960 TO 1980

[In millions. As of Oct. For 1960, covers civilian noninstitutional population 5 to 34 years old; thereafter, 3 to 34 years old. Elementary includes kindergarten and grades 1-8; high school, grades 9-12; and college, 2-year and 4-year colleges, universities, and graduate and professional schools. Data for college represent degree-credit enrollment.]

YEAR	ALL LEVELS <sup>1</sup>			ELEMENTARY			HIGH SCHOOL			COLLEGE		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
1960.....	46.3	24.2	22.0	32.4	16.7	15.7	10.2	5.2	5.1	3.6	2.3	1.2
1965.....	54.7	28.5	26.2	35.5	18.2	17.3	13.0	6.5	6.5	5.7	3.5	2.2
1970.....	60.4	31.4	28.9	37.1	19.0	18.1	14.7	7.4	7.3	7.4	4.4	3.0
1973.....	59.4	30.9	28.5	34.5	17.7	16.8	15.3	7.8	7.5	8.2	4.7	3.5
1974.....	60.3	31.2	29.1	34.4	17.6	16.8	15.4	7.8	7.6	8.8	4.9	3.9
1975.....	61.0	31.6	29.4	33.8	17.3	16.5	15.7	8.0	7.7	9.7	5.3	4.4
1976.....	60.5	31.2	29.3	33.3	17.0	16.2	15.7	8.1	7.7	10.0	5.3	4.7
1977.....	60.0	30.8	29.2	32.4	16.6	15.8	15.8	8.0	7.8	10.2	5.4	4.8
1978.....	58.6	30.1	28.6	31.5	16.1	15.3	15.5	7.8	7.6	9.8	5.1	4.7
1979.....	57.9	29.5	28.3	30.9	15.9	15.0	15.1	7.7	7.4	10.0	5.0	5.0
1980.....	57.3	29.2	28.2	30.6	15.8	14.9	14.6	7.3	7.2	10.2	5.0	5.2

<sup>1</sup> Beginning 1965, includes nursery schools, not shown separately.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 362, and earlier reports; and unpublished data.

**NO. 224. SCHOOL ENROLLMENT—ELEMENTARY, SECONDARY, AND HIGHER EDUCATION, BY STATES  
AND OTHER AREAS: 1975 TO 1979**

[In thousands. As of fall of year. Public elementary refers to prekindergarten through grade 8; secondary, to grades 9–12 and postgraduates; includes unclassified. Data for nonpublic elementary and secondary schools not revised; for revised U.S. totals, see table 221; for revised data on public schools, see table 241. See also Appendix III]

STATE OR OTHER AREA	ELEMENTARY <sup>1</sup>				SECONDARY <sup>1</sup>				HIGHER EDUCATION <sup>5</sup>			
	Public		Nonpublic <sup>2,4</sup>		Public		Nonpublic <sup>4</sup>		Public		Nonpublic	
	1975	1979 <sup>2</sup>	1975	1978	1975	1979 <sup>2</sup>	1975	1978	1975	1979	1975	1979
<b>United States.....</b>	<b>30,545</b>	<b>27,884</b>	<b>3,400</b>	<b>2,989</b>	<b>14,294</b>	<b>13,694</b>	<b>1,200</b>	<b>1,069</b>	<b>6,835</b>	<b>6,037</b>	<b>2,350</b>	<b>2,533</b>
<b>New England.....</b>	<b>1,749</b>	<b>1,495</b>	<b>239</b>	<b>161</b>	<b>807</b>	<b>756</b>	<b>126</b>	<b>109</b>	<b>372</b>	<b>372</b>	<b>336</b>	<b>359</b>
Maine.....	172	156	10	7	79	72	8	7	31	32	9	11
New Hampshire.....	120	112	17	10	54	59	8	9	24	23	17	19
Vermont.....	73	69	6	3	31	31	6	4	17	17	12	13
Massachusetts.....	<sup>7</sup> 813	683	121	78	385	351	59	48	174	171	211	225
Rhode Island.....	121	99	24	17	55	55	9	8	32	34	32	31
Connecticut.....	450	378	61	45	203	189	37	33	94	96	55	60
<b>Middle Atlantic.....</b>	<b>4,760</b>	<b>3,986</b>	<b>1,007</b>	<b>821</b>	<b>2,345</b>	<b>2,240</b>	<b>348</b>	<b>292</b>	<b>1,129</b>	<b>1,072</b>	<b>643</b>	<b>692</b>
New York.....	<sup>7</sup> 2,281	1,905	497	401	1,120	1,064	173	131	614	550	391	420
New Jersey.....	<sup>7</sup> 998	848	180	156	460	440	55	59	228	240	69	72
Pennsylvania.....	1,481	1,233	330	264	765	736	120	102	287	282	183	199
<b>East No. Central.....</b>	<b>5,969</b>	<b>5,208</b>	<b>898</b>	<b>766</b>	<b>2,856</b>	<b>2,663</b>	<b>293</b>	<b>253</b>	<b>1,588</b>	<b>1,664</b>	<b>383</b>	<b>401</b>
Ohio.....	1,535	1,351	212	186	757	674	75	65	337	363	99	101
Indiana.....	851	723	75	69	375	361	21	22	159	173	54	55
Illinois.....	1,539	1,367	300	250	731	676	98	88	444	465	140	148
Michigan.....	1,419	1,224	174	129	654	638	65	49	437	440	60	64
Wisconsin.....	625	544	136	131	339	314	34	29	211	223	30	33
<b>West No. Central.....</b>	<b>2,315</b>	<b>2,074</b>	<b>278</b>	<b>244</b>	<b>1,188</b>	<b>1,087</b>	<b>78</b>	<b>83</b>	<b>611</b>	<b>641</b>	<b>175</b>	<b>190</b>
Minnesota.....	573	496	83	63	307	282	22	16	149	153	36	41
Iowa.....	408	358	46	39	204	191	18	15	84	91	38	42
Missouri.....	646	579	82	65	319	293	11	30	159	153	65	69
North Dakota.....	84	76	8	6	48	42	3	2	28	30	2	2
South Dakota.....	100	88	8	6	51	45	3	3	22	23	8	8
Nebraska.....	210	190	28	24	105	98	12	10	61	71	13	15
Kansas.....	294	288	24	21	154	135	8	7	108	119	13	14
<b>South Atlantic.....</b>	<b>4,900</b>	<b>4,633</b>	<b>281</b>	<b>265</b>	<b>2,201</b>	<b>2,136</b>	<b>114</b>	<b>87</b>	<b>1,242</b>	<b>1,318</b>	<b>306</b>	<b>347</b>
Delaware.....	84	65	12	11	43	39	5	5	27	28	5	5
Maryland.....	607	510	77	61	274	267	28	23	177	190	29	29
Dist. of Columbia.....	94	75	12	11	36	31	9	5	15	15	69	73
Virginia.....	759	715	40	30	344	316	20	11	215	237	29	34
West Virginia.....	283	266	7	7	121	123	4	3	68	71	11	11
North Carolina.....	818	796	20	17	367	354	5	4	201	211	50	58
South Carolina.....	443	429	22	14	186	196	5	3	108	103	25	28
Georgia.....	751	746	19	21	340	333	10	6	143	139	31	39
Florida.....	1,061	1,031	72	93	490	477	29	28	288	324	57	71
<b>East So. Central.....</b>	<b>1,977</b>	<b>1,921</b>	<b>135</b>	<b>103</b>	<b>863</b>	<b>858</b>	<b>63</b>	<b>40</b>	<b>481</b>	<b>491</b>	<b>91</b>	<b>103</b>
Kentucky.....	475	466	41	45	217	211	15	16	105	110	20	25
Tennessee.....	626	610	20	23	251	256	11	15	140	152	42	47
Alabama.....	520	519	37	21	239	235	12	4	146	139	19	20
Mississippi.....	356	326	37	13	156	156	24	4	90	89	10	11
<b>West So. Central.....</b>	<b>3,309</b>	<b>3,270</b>	<b>194</b>	<b>195</b>	<b>1,401</b>	<b>1,440</b>	<b>65</b>	<b>62</b>	<b>854</b>	<b>919</b>	<b>134</b>	<b>139</b>
Arkansas.....	317	312	8	8	139	141	3	3	56	64	9	10
Louisiana.....	592	555	94	87	255	245	33	28	132	131	21	23
Oklahoma.....	408	399	8	7	186	185	3	3	124	131	22	21
Texas.....	1,992	2,004	84	92	821	868	26	28	542	592	82	84
<b>Mountain.....</b>	<b>1,532</b>	<b>1,559</b>	<b>71</b>	<b>72</b>	<b>709</b>	<b>714</b>	<b>25</b>	<b>20</b>	<b>517</b>	<b>549</b>	<b>64</b>	<b>71</b>
Montana.....	115	106	7	4	57	52	3	2	28	29	3	3
Idaho.....	133	141	4	3	63	62	2	1	31	32	8	8
Wyoming.....	59	67	2	1	29	29	(2)	(2)	18	19	—	—
Colorado.....	384	370	24	21	185	181	8	6	136	140	13	16
New Mexico.....	183	187	9	10	91	89	3	2	48	53	4	3
Arizona.....	<sup>7</sup> 350	353	20	24	143	156	7	6	169	183	5	6
Utah.....	212	238	3	3	97	95	1	2	57	58	31	34
Nevada.....	96	98	2	4	44	50	1	1	30	36	(2)	(2)
<b>Pacific.....</b>	<b>4,030</b>	<b>3,735</b>	<b>298</b>	<b>363</b>	<b>1,919</b>	<b>1,802</b>	<b>89</b>	<b>122</b>	<b>2,007</b>	<b>1,992</b>	<b>214</b>	<b>232</b>
Washington.....	530	515	30	30	255	250	12	10	203	277	25	27
Oregon.....	321	317	17	14	156	150	6	6	130	138	15	17
California.....	2,993	2,730	237	301	1,427	1,318	66	101	1,618	1,515	170	184
Alaska.....	65	61	(2)	1	25	28	(2)	(2)	13	19	1	1
Hawaii.....	121	112	14	16	58	57	6	6	43	43	3	4
<b>Other areas <sup>8</sup>.....</b>	<b>524</b>	<b>43</b>	<b>46</b>	<b>(NA)</b>	<b>247</b>	<b>(NA)</b>	<b>19</b>	<b>(NA)</b>	<b>62</b>	<b>60</b>	<b>44</b>	<b>78</b>
Puerto Rico.....	467	(NA)	38	3	230	(NA)	16	(NA)	53	52	44	78
Virgin Islands.....	20	19	3	(NA)	5	6	1	(NA)	2	2	—	—

— Represents zero. NA Not available. Z Fewer than 500. <sup>1</sup> Excludes data for private residential schools for exceptional children and subcollegiate departments of higher education. <sup>2</sup> Preliminary. <sup>3</sup> Elementary includes middle schools.

<sup>4</sup> Excludes combined elementary and secondary schools. <sup>5</sup> See headline, table 270. <sup>6</sup> Includes U.S. military academies not shown separately. <sup>7</sup> Estimated. <sup>8</sup> 1979 elementary and secondary includes Commonwealth of the Northern Marianas, Guam, and Virgin Islands; other data shown include American Samoa, Canal Zone, Guam, and Trust Territories of the Pacific Islands.

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics*, annual, and unpublished data.

## No. 225. SCHOOL ENROLLMENT AND RATE, BY AGE, SEX AND RACE: 1960 TO 1980

[In thousands, except rate. As of October. Covers persons 3 to 34 years old enrolled in nursery school and above. Data relate to civilian noninstitutional population and are based on Current Population Survey, see text p. 1. See *Historical Statistics, Colonial Times to 1970*, series H 442-476 for enrollment 5-34 years old]

YEAR AND AGE	TOTAL ENROLLED					RATE				
	Total	Male	Female	White	Black	Total	Male	Female	White	Black
<b>1960, total<sup>1</sup></b> .....	<b>46,259</b>	<b>24,234</b>	<b>22,025</b>	<b>40,348</b>	<b>5,910</b>	<b>56.4</b>	<b>60.0</b>	<b>52.8</b>	<b>56.4</b>	<b>55.9</b>
3 and 4 years.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
5 and 6 years.....	6,438	3,292	3,146	5,574	864	80.7	80.8	80.6	82.0	73.3
7 to 13 years.....	25,621	13,074	12,547	22,149	3,472	99.5	99.5	99.6	99.6	99.1
14 and 15 years.....	5,641	2,878	2,763	4,939	701	97.8	97.9	97.6	98.1	95.9
16 and 17 years.....	4,601	2,370	2,231	4,088	512	82.6	84.5	80.6	83.3	76.9
18 and 19 years.....	1,817	1,063	754	1,606	210	38.4	47.8	30.0	38.9	34.6
20 and 21 years.....	817	517	300	750	67	19.4	27.1	13.1	20.6	11.9
22 to 24 years.....	533	419	114	498	35	8.7	15.0	3.4	9.3	4.4
25 to 29 years.....	514	415	99	478	36	4.9	8.4	1.8	5.2	2.9
30 to 34 years.....	278	206	72	264	13	2.4	3.7	1.2	2.6	1.0
<b>1965, total<sup>2</sup></b> .....	<b>54,699</b>	<b>28,519</b>	<b>26,180</b>	<b>47,450</b>	<b>6,675</b>	<b>55.5</b>	<b>58.8</b>	<b>52.3</b>	<b>55.5</b>	<b>55.6</b>
3 and 4 years.....	886	438	448	731	155	10.6	10.2	10.9	10.3	11.8
5 and 6 years.....	7,039	3,577	3,462	6,054	900	84.4	84.4	84.4	85.3	79.1
7 to 13 years.....	27,450	13,932	13,518	23,582	3,868	99.4	99.3	99.4	99.4	99.1
14 and 15 years.....	6,980	3,546	3,434	6,034	883	98.9	99.0	98.7	99.0	98.1
16 and 17 years.....	6,053	3,067	2,986	5,293	679	87.4	88.0	86.9	87.8	83.9
18 and 19 years.....	2,930	1,689	1,241	2,628	267	46.3	55.6	37.7	47.1	39.6
20 and 21 years.....	1,378	839	539	1,280	74	27.6	37.6	19.5	29.4	12.8
22 to 24 years.....	982	720	262	926	49	13.2	21.1	6.5	14.1	6.2
25 to 29 years.....	658	483	175	619	24	6.1	9.4	3.1	6.5	2.1
30 to 34 years.....	343	228	115	303	26	3.2	4.5	2.1	3.2	2.4
<b>1970, total</b> .....	<b>60,357</b>	<b>31,413</b>	<b>28,944</b>	<b>51,719</b>	<b>7,829</b>	<b>56.4</b>	<b>59.7</b>	<b>53.2</b>	<b>56.2</b>	<b>57.4</b>
3 and 4 years.....	1,461	771	691	1,181	250	20.5	21.2	19.8	19.9	22.7
5 and 6 years.....	7,000	3,545	3,455	5,899	999	89.5	88.9	90.2	90.3	84.9
7 to 13 years.....	28,943	14,688	14,255	24,564	3,998	99.2	99.0	99.4	99.2	99.3
14 and 15 years.....	7,869	3,992	3,877	6,761	1,025	98.1	98.0	98.1	98.2	97.6
16 and 17 years.....	6,927	3,539	3,388	6,008	837	90.0	91.3	88.6	90.6	85.7
18 and 19 years.....	3,322	1,821	1,501	2,924	352	47.7	54.4	41.6	48.7	40.1
20 and 21 years.....	1,949	1,131	818	1,750	174	31.9	42.7	23.6	33.1	22.8
22 to 24 years.....	1,410	931	479	1,305	84	14.9	21.2	9.4	15.7	8.0
25 to 29 years.....	1,011	713	298	910	68	7.5	11.0	4.3	7.7	4.8
30 to 34 years.....	466	283	182	416	41	4.2	5.3	3.1	4.2	3.4
<b>1975, total</b> .....	<b>60,969</b>	<b>31,555</b>	<b>29,414</b>	<b>51,430</b>	<b>8,400</b>	<b>53.7</b>	<b>56.0</b>	<b>51.5</b>	<b>53.1</b>	<b>57.7</b>
3 and 4 years.....	2,101	1,052	1,049	1,697	344	31.5	30.9	32.1	30.8	34.2
5 and 6 years.....	6,590	3,346	3,244	5,494	972	94.7	94.4	95.1	94.8	94.5
7 to 13 years.....	26,104	13,267	12,837	21,892	3,759	99.3	99.0	99.6	99.3	99.2
14 and 15 years.....	8,300	4,231	4,070	7,023	1,151	98.2	98.4	98.0	98.3	97.4
16 and 17 years.....	7,398	3,811	3,587	6,289	987	89.0	90.7	87.2	89.3	86.8
18 and 19 years.....	3,765	1,940	1,825	3,185	485	46.9	49.9	44.2	46.5	47.1
20 and 21 years.....	2,393	1,304	1,089	2,097	262	31.2	35.3	27.4	31.8	27.1
22 to 24 years.....	1,728	1,030	697	1,506	173	16.2	20.0	12.6	16.8	14.2
25 to 29 years.....	1,679	1,061	618	1,459	163	10.1	13.1	7.2	10.0	9.4
30 to 34 years.....	910	512	398	788	103	6.6	7.7	5.6	6.6	7.1
<b>1979, total</b> .....	<b>57,854</b>	<b>29,535</b>	<b>28,319</b>	<b>48,225</b>	<b>8,317</b>	<b>50.3</b>	<b>51.8</b>	<b>49.0</b>	<b>49.6</b>	<b>55.0</b>
3 and 4 years.....	2,138	1,077	1,061	1,694	385	35.1	34.6	35.6	33.9	40.8
5 and 6 years.....	5,846	3,003	2,843	4,773	916	95.8	96.3	95.2	95.8	96.0
7 to 13 years.....	24,145	12,285	11,860	20,007	3,610	99.2	99.0	99.4	99.2	99.0
14 and 15 years.....	7,691	3,922	3,769	6,419	1,122	98.1	98.3	97.9	98.2	97.4
16 and 17 years.....	7,279	3,758	3,521	6,092	1,051	89.2	90.8	87.6	89.0	90.8
18 and 19 years.....	3,693	1,874	1,819	3,106	500	45.0	46.6	43.4	44.5	46.6
20 and 21 years.....	2,446	1,239	1,208	2,151	242	30.2	31.6	28.9	31.1	23.7
22 to 24 years.....	1,844	990	853	1,572	213	15.8	17.6	14.1	15.7	15.0
25 to 29 years.....	1,728	910	818	1,510	160	9.6	10.4	8.8	9.7	7.9
30 to 34 years.....	1,045	478	567	901	118	6.4	6.0	6.7	6.3	6.8
<b>1980, total</b> .....	<b>57,348</b>	<b>29,155</b>	<b>28,192</b>	<b>47,673</b>	<b>8,251</b>	<b>49.7</b>	<b>50.9</b>	<b>48.5</b>	<b>48.9</b>	<b>53.9</b>
3 and 4 years.....	2,280	1,202	1,078	1,844	371	36.7	37.8	35.5	36.3	38.2
5 and 6 years.....	5,853	2,971	2,882	4,781	904	95.7	95.0	96.4	95.8	95.4
7 to 13 years.....	23,751	12,110	11,641	19,585	3,598	99.3	99.2	99.3	99.2	99.4
14 and 15 years.....	7,282	3,701	3,580	6,038	1,088	98.2	98.7	97.7	98.3	97.9
16 and 17 years.....	7,129	3,620	3,509	5,937	1,047	89.0	89.1	88.8	88.6	90.6
18 and 19 years.....	3,788	1,879	1,910	3,199	494	46.4	47.0	45.8	46.3	45.7
20 and 21 years.....	2,515	1,280	1,235	2,206	242	31.0	32.6	29.5	31.9	23.4
22 to 24 years.....	1,931	1,019	912	1,669	196	16.3	17.8	14.9	16.4	13.6
25 to 29 years.....	1,714	880	833	1,473	187	9.3	9.8	8.8	9.2	8.8
30 to 34 years.....	1,105	492	613	942	124	6.4	5.9	7.0	6.3	6.8

<sup>1</sup> Black includes other races. <sup>2</sup> Except as noted, data are for Black only.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 362 and earlier reports; and unpublished data.

No. 226. PREPRIMARY SCHOOL ENROLLMENT OF CHILDREN 3 TO 5 YEARS OLD, BY RACE AND AGE,  
AND BY LABOR FORCE STATUS OF MOTHER: 1967 TO 1980

[As of October. Civilian noninstitutional population. Includes public and nonpublic nursery school and kindergarten programs.  
Excludes 5 year olds enrolled in elementary school. Based on Current Population Survey; see text, p. 1]

RACE, AGE, AND LABOR FORCE STATUS	NUMBER OF CHILDREN (1,000)							PERCENT ENROLLED OF POPULATION			
	1967	1970	1975	1977	1978	1979	1980	1967	1970	1975	1980
Population, 3-5 years old.....	12,234	10,877	10,183	9,249	9,110	9,119	9,284	(x)	(x)	(x)	(x)
<b>Total enrolled</b> <sup>1 2</sup> .....	<b>3,864</b>	<b>4,075</b>	<b>4,954</b>	<b>4,577</b>	<b>4,684</b>	<b>4,664</b>	<b>4,878</b>	<b>31.6</b>	<b>37.5</b>	<b>48.6</b>	<b>52.5</b>
Nursery.....	711	1,095	1,744	1,611	1,822	1,862	1,982	5.8	10.1	17.1	21.3
Kindergarten.....	3,157	3,009	3,211	2,968	2,761	2,802	2,896	25.8	27.7	31.5	31.2
White.....	3,265	3,414	4,105	3,717	3,697	3,786	3,994	31.8	37.8	48.7	52.7
Black.....	535	585	731	728	749	750	749	29.8	34.9	48.1	51.8
3 years old.....	273	454	683	645	759	746	857	6.8	13.0	21.5	27.3
4 years old.....	870	1,003	1,418	1,200	1,313	1,393	1,423	21.3	27.9	40.5	46.3
5 years old.....	2,721	2,617	2,852	2,642	2,512	2,525	2,598	65.4	69.2	81.3	84.7
ALL RACES <sup>3</sup>											
With mother in labor force <sup>3</sup> .....	1,353	1,345	2,168	2,092	2,173	2,353	2,480	34.2	38.8	54.0	57.1
3 and 4 years old.....	466	526	973	992	1,017	1,139	1,252	18.1	23.5	38.0	43.2
5 years old.....	887	818	1,195	1,100	1,156	1,214	1,229	63.8	66.6	82.5	85.2
Married, spouse present.....	1,140	1,131	1,733	1,649	1,727	1,922	1,976	34.1	39.5	53.6	56.7
Other marital status.....	213	214	435	444	446	431	504	34.6	36.0	56.0	59.1
Employed.....	1,249	1,246	1,948	1,881	2,000	2,158	2,256	34.5	39.3	55.1	58.2
Full-time.....	817	770	1,236	1,240	1,309	1,416	1,445	33.9	38.6	55.1	57.4
Part-time.....	432	476	712	641	691	742	811	35.7	40.4	55.1	59.6
Mother not in labor force.....	2,448	2,694	2,704	2,385	2,286	2,196	2,266	30.2	37.0	45.1	48.9
WHITE											
With mother in labor force <sup>3</sup> .....	1,053	1,031	1,723	1,592	1,666	1,833	1,976	34.7	39.1	54.0	56.8
3 and 4 years old.....	340	374	740	740	750	872	967	17.4	22.1	36.6	41.9
5 years old.....	713	657	983	852	916	961	1,007	66.2	69.2	84.1	86.3
Married, spouse present.....	932	913	1,449	1,334	1,408	1,583	1,671	34.7	39.1	53.3	56.6
Other marital status.....	120	119	273	258	258	250	305	34.6	38.9	57.8	58.7
Employed.....	982	959	1,566	1,458	1,567	1,706	1,840	35.2	39.3	55.0	57.8
Full-time.....	613	557	941	912	959	1,068	1,127	33.8	38.2	54.3	56.8
Part-time.....	369	402	625	546	608	638	713	37.7	41.0	56.2	59.7
Mother not in labor force.....	2,166	2,354	2,331	2,057	1,945	1,867	1,914	30.5	37.4	45.3	49.4
BLACK											
With mother in labor force <sup>3</sup> .....	286	281	372	429	427	446	438	32.3	36.8	52.6	59.2
3 and 4 years old.....	122	138	191	214	231	235	244	20.7	27.3	41.0	48.9
5 years old.....	163	143	181	215	197	212	193	55.3	55.6	75.2	80.5
Married, spouse present.....	193	192	221	246	243	273	240	31.3	39.4	53.6	57.7
Other marital status.....	93	89	151	183	184	174	198	34.7	32.2	51.2	61.8
Employed.....	252	256	313	362	357	387	356	32.3	37.9	53.5	60.5
Full-time.....	194	195	244	292	289	307	269	34.4	39.0	56.7	60.0
Part-time.....	58	61	69	70	68	81	87	26.8	34.8	44.7	62.1
Mother not in labor force.....	236	298	330	269	286	277	285	26.9	33.9	44.1	45.4

X Not applicable. <sup>1</sup> Includes children with mothers whose labor force status is unknown and children with no mother present in household, not shown separately. <sup>2</sup> Includes races not shown separately.

<sup>3</sup> Includes children with mothers who are unemployed, not shown separately.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 318; and unpublished data.

No. 227. PUBLIC ELEMENTARY AND SECONDARY SCHOOL ENROLLMENT—ENGLISH SPEAKING ABILITY,  
BY REGION AND RACE: 1978

[In thousands, except percent. As of fall. Limited English Speaking (LES) and Non-English Speaking (NES) defined as students who speak or use a language other than English more often than English. For definitions of regions, see source]

REGION/STATE	ENROLLMENT			RACE	ENROLLMENT		
	Total	LES/NES			Total	LES/NES	
		Number	Percent served <sup>1</sup>			Number	Percent served <sup>1</sup>
<b>Total</b> .....	<b>41,836</b>	<b>926</b>	<b>60</b>	White <sup>3</sup> .....	31,510	69	47
Northeast .....	8,586	223	62	Black <sup>3</sup> .....	6,578	12	42
Border <sup>2</sup> .....	3,549	10	61	Hispanic .....	2,825	730	63
South .....	11,626	298	56	Asian American .....	594	86	54
Midwest .....	10,282	42	55	American Indian .....	329	28	39
West .....	7,538	349	63				
Alaska/Hawaii .....	256	4	76				

<sup>1</sup> Percent receiving bilingual education or equivalent services. <sup>2</sup> Includes D.C. <sup>3</sup> Non-Hispanic.

Source: U.S. Department of Education, Office of Civil Rights, *State, Regional, and National Summaries of Data from the Fall 1978 Civil Rights Survey of Elementary and Secondary Schools, 1980*.

**NO. 228. PUBLIC ELEMENTARY AND SECONDARY STUDENTS IN SPECIAL EDUCATION PROGRAMS, BY  
TIME SPENT PER WEEK AND TYPE OF HANDICAP: FALL 1978**

TYPE OF HANDICAP	Stu- dents <sup>1</sup>	NUMBER (1,000)			PERCENT		
		Less than 10 hours	More than 10 hours <sup>2</sup>	Full- time	Less than 10 hours	More than 10 hours <sup>2</sup>	Full- time
<b>Total <sup>3</sup></b> .....	<b>2,807</b>	<b>1,597</b>	<b>561</b>	<b>650</b>	<b>57</b>	<b>20</b>	<b>23</b>
Specific learning disabled.....	970	596	247	127	61	25	13
Speech impaired.....	836	802	16	17	96	2	2
Educable mentally retarded.....	599	90	237	273	15	39	46
Seriously emotionally disturbed.....	136	42	30	64	31	22	47
Trainable mentally retarded.....	95	3	7	85	3	7	90
Multihandicapped.....	39	4	6	29	11	15	74
Orthopedically impaired.....	32	9	4	19	28	12	60
Hard of hearing.....	23	13	4	6	55	19	26
Deaf.....	15	2	4	10	12	24	64
Visually handicapped.....	14	9	2	3	61	17	22

<sup>1</sup> Served on local school campuses only. <sup>2</sup> Excludes full-time. <sup>3</sup> Includes types not shown separately.

Source: U.S. National Center for Education Statistics, *The Condition of Education*, 1981.

**NO. 229. YEARS OF SCHOOL COMPLETED, BY AGE AND RACE: 1940 TO 1980**

[Through 1960, as of April 1, 1940 based on complete count; 1950, on 20-percent sample; and 1960, on 25-percent sample. Beginning 1970, as of March, based on Current Population Survey; see text, p. 1. Excludes Armed Forces, except members living off post or with families on post. Beginning 1975, excludes inmates of institutions]

AGE AND YEAR	ALL PERSONS					BLACK PERSONS				
	Percent not high school graduates		Percent with 4 years of high school or more		Median school years com- pleted <sup>1</sup>	Percent not high school graduates		Percent with 4 years of high school or more		Median school years com- pleted <sup>1</sup>
	Total	With less than 5 yrs. of school	Total	College, 4 yrs. or more		Total	With less than 5 yrs. of school	Total	College, 4 yrs. or more	
<b>25 years and over:</b>										
1940.....	75.5	13.7	24.5	4.6	8.6	92.7	42.0	7.3	1.3	5.7
1950.....	65.7	11.1	34.3	6.2	9.3	87.1	32.9	12.9	2.1	6.8
1960.....	58.9	8.3	41.1	7.7	10.6	79.9	23.8	20.1	3.1	8.0
1970.....	44.8	5.3	55.2	11.0	12.2	66.3	15.1	33.7	6.5	9.9
1975.....	37.5	4.2	62.5	13.9	12.3	57.5	12.3	42.5	6.4	10.9
1980.....	31.4	3.4	68.6	17.0	12.5	48.7	9.2	51.2	7.9	12.0
<b>25-29 years:</b>										
1940.....	61.9	5.9	38.1	5.9	10.3	(NA)	27.7	11.6	1.6	7.0
1950.....	49.5	4.7	52.8	7.7	12.0	80.4	16.8	22.2	2.7	8.6
1960.....	39.3	2.8	60.7	11.1	12.3	62.3	7.0	37.7	4.8	9.9
1970.....	24.6	1.1	75.4	18.4	12.6	43.9	2.5	56.2	7.3	12.2
1975.....	16.9	1.0	83.1	21.9	12.8	29.0	.5	71.0	10.7	12.5
1980.....	14.4	.8	85.6	22.5	12.9	23.0	.7	76.9	11.6	12.6

NA Not available. <sup>1</sup> For definition of median, see Guide to Tabular Presentation.

Source: U.S. Bureau of the Census, *U.S. Census of Population: 1940, 1950, and 1960*, vol. I; *Current Population Reports*, series P-20, Nos. 207, 295, and 356; and unpublished data.

**NO. 230. PERCENT OF POPULATION WITH LESS THAN 5 YEARS OF SCHOOL AND WITH 4 YEARS OF  
HIGH SCHOOL OR MORE, BY AGE, RACE, AND SPANISH ORIGIN: 1970 TO 1980**

[Persons 25 years old and over. As of April 1970 and March 1975, 1979, and 1980]

RACE	LESS THAN 5 YEARS OF SCHOOL							4 YEARS OF HIGH SCHOOL OR MORE						
				1980							1980			
	1970	1975	1979	Total	25-34 yr.	35-64 yr.	65 yr. and over	1970	1975	1979	Total	25-34 yr.	35-64 yr.	65 yr. and over
<b>All races <sup>1</sup></b> .....	<b>5.5</b>	<b>4.2</b>	<b>3.5</b>	<b>3.4</b>	<b>1.0</b>	<b>2.6</b>	<b>9.1</b>	<b>52.3</b>	<b>62.5</b>	<b>67.7</b>	<b>68.6</b>	<b>85.5</b>	<b>69.6</b>	<b>40.6</b>
White.....	4.5	3.3	2.7	2.6	.9	2.0	6.7	54.5	64.6	69.7	70.5	86.9	78.1	42.8
Black.....	14.6	12.3	9.6	9.2	.8	7.2	31.8	31.4	42.5	49.4	51.2	75.7	47.4	17.7
Spanish origin <sup>2</sup> .....	19.5	18.5	17.6	15.4	7.8	15.9	42.0	32.1	37.9	42.0	45.3	57.1	41.9	18.0
Mexican.....	28.5	24.6	23.9	20.5	10.0	22.3	59.9	24.2	31.0	34.9	39.5	53.2	33.9	7.6
Puerto Rican.....	20.5	17.4	14.4	14.8	6.6	17.4	(b)	23.4	28.7	38.6	38.4	48.2	34.3	(b)
Cuban.....	8.2	7.3	6.9	5.6	1.1	4.1	17.1	43.9	51.7	50.4	54.6	77.4	53.8	31.9
Other <sup>3</sup> .....	8.8	7.6	6.7	6.0	3.0	5.5	17.6	44.9	58.0	60.8	61.0	73.2	59.6	35.9

<sup>1</sup> B Not shown; base less than 75,000. <sup>2</sup> Includes races not shown separately. <sup>3</sup> Persons of Spanish origin may be of any race. <sup>4</sup> Central or South American and other Spanish origin.

Source: U.S. Bureau of the Census, *Census of Population: 1970*, vols. I and II, *Current Population Reports*, series P-20, Nos. 207, 295, 356; and unpublished data.

NO. 231. YEARS OF SCHOOL COMPLETED, BY RACE, SEX, AND SPANISH ORIGIN: 1960 TO 1980

[Persons 25 years old and over. Persons of Spanish origin may be of any race. For definition of median, see Guide to Tabular Presentation. See headnote, table 229. See also *Historical Statistics, Colonial Times to 1970*, series H 602-617]

YEAR, RACE, AND SEX	Popula- tion (1,000)	PERCENT OF POPULATION COMPLETING—							Median school years completed
		Elementary school			High school		College		
		0-4 years	5-7 years	8 years	1-3 years	4 years	1-3 years	4 years or more	
<b>1960, all races.....</b>	<b>99,438</b>	<b>8.3</b>	<b>13.8</b>	<b>17.5</b>	<b>19.2</b>	<b>24.6</b>	<b>8.8</b>	<b>7.7</b>	<b>10.6</b>
White.....	89,581	6.7	12.8	18.1	19.3	25.8	9.3	8.1	10.9
Male.....	43,259	7.4	13.7	18.7	18.9	22.2	9.1	10.3	10.7
Female.....	46,322	6.0	11.9	17.8	19.6	29.2	9.5	6.0	11.2
Black.....	9,054	23.8	24.2	12.9	19.0	12.9	4.1	3.1	8.0
Male.....	4,240	28.3	23.9	12.3	17.3	11.3	4.1	2.8	7.7
Female.....	4,814	19.8	24.5	13.4	20.5	14.3	4.1	3.3	8.6
<b>1970, all races.....</b>	<b>109,310</b>	<b>5.3</b>	<b>9.1</b>	<b>13.4</b>	<b>17.1</b>	<b>34.0</b>	<b>10.2</b>	<b>11.0</b>	<b>12.2</b>
White.....	98,112	4.2	8.3	13.6	16.5	35.2	10.7	11.6	12.2
Male.....	46,606	4.5	8.8	13.9	15.6	30.9	11.3	15.0	12.2
Female.....	51,506	3.9	7.8	13.4	17.3	39.0	10.1	8.6	12.2
Black.....	10,069	15.1	16.7	11.2	23.3	23.4	6.9	4.5	9.9
Male.....	4,619	18.6	16.0	11.1	21.9	22.2	6.7	4.6	9.6
Female.....	5,470	12.1	17.3	11.3	24.5	24.4	6.0	4.4	10.2
<b>1975, all races.....</b>	<b>116,897</b>	<b>4.2</b>	<b>7.4</b>	<b>10.3</b>	<b>15.6</b>	<b>36.2</b>	<b>12.4</b>	<b>13.9</b>	<b>12.3</b>
White.....	104,065	3.3	6.6	10.6	15.0	37.3	12.8	14.5	12.4
Male.....	49,259	3.6	6.8	10.5	14.0	33.1	13.6	18.4	12.5
Female.....	54,806	3.0	6.4	10.6	15.9	41.1	12.1	11.0	12.3
Black.....	11,096	12.3	14.3	8.5	22.3	27.1	9.0	6.4	10.9
Male.....	4,925	15.3	14.7	8.1	20.2	25.2	9.7	6.7	10.7
Female.....	6,171	9.8	14.0	8.9	24.0	28.6	8.5	6.2	11.1
Spanish origin.....	4,762	18.5	17.9	10.3	15.3	23.0	8.7	6.4	9.6
Male.....	2,258	18.2	17.1	10.0	15.3	21.1	10.1	8.3	9.8
Female.....	2,504	18.8	18.7	10.6	15.3	24.7	7.4	4.6	9.3
<b>1980, all races.....</b>	<b>127,882</b>	<b>3.4</b>	<b>5.9</b>	<b>8.2</b>	<b>13.9</b>	<b>36.8</b>	<b>14.8</b>	<b>17.0</b>	<b>12.5</b>
White.....	112,899	2.6	5.3	8.4	13.2	37.7	15.1	17.8	12.5
Male.....	53,556	2.7	5.5	8.3	12.5	33.2	15.8	22.0	12.6
Female.....	59,343	2.5	5.2	8.4	13.7	41.7	14.4	14.0	12.5
Black.....	12,613	9.2	11.0	7.2	21.2	30.9	12.5	7.9	12.0
Male.....	5,585	11.5	10.6	7.1	19.7	30.0	13.4	7.6	12.0
Female.....	7,027	7.4	11.4	7.3	22.5	31.6	11.8	8.1	12.0
Spanish origin.....	5,896	15.4	15.7	8.7	15.0	26.8	10.5	7.9	10.9
Male.....	2,893	15.5	14.7	8.4	14.9	24.4	12.3	9.7	11.2
Female.....	3,004	15.2	16.6	9.0	15.0	29.2	8.7	6.2	10.6

Source: U.S. Bureau of the Census, *U.S. Census of Population: 1960*, vol. I, and *Current Population Reports*, series P-20, Nos. 207, 295; 356, and unpublished data.

NO. 232. YEARS OF SCHOOL COMPLETED, BY RACE, SEX, AND AGE: 1980

[Persons 25 years old and over as of March 1980. See headnote, table 229. For definition of median, see Guide to Tabular Presentation]

RACE, SEX, AND AGE	Population (1,000)	PERCENT OF POPULATION COMPLETING—							Median school years completed
		Elementary school			High school		College		
		0-4 years	5-7 years	8 years	1-3 years	4 years	1-3 years	4 years or more	
All races.....	127,882	3.4	5.9	8.2	13.9	36.8	14.8	17.0	12.5
Male.....	60,257	3.6	6.0	8.1	13.2	32.8	15.5	20.8	12.6
Female.....	67,624	3.1	5.9	8.2	14.6	40.5	14.1	13.5	12.4
25-29 years.....	18,433	.8	1.7	1.9	10.0	40.9	22.2	22.5	12.9
30-34 years.....	16,831	1.1	2.1	2.0	9.3	38.4	21.1	26.0	12.9
35-44 years.....	25,339	1.5	3.1	4.1	13.2	41.3	16.2	20.7	12.7
45-54 years.....	22,632	2.8	5.3	7.1	16.5	40.2	12.4	15.6	12.5
55 years and over.....	44,647	6.6	11.1	16.0	16.4	30.3	9.8	9.9	12.0
Black.....	12,613	9.2	11.0	7.2	21.2	30.9	12.5	7.9	12.0
25-29 years.....	2,079	.7	2.6	2.0	17.8	44.0	21.3	11.6	12.6
30-34 years.....	1,753	.9	3.5	2.3	19.1	39.0	21.6	13.7	12.6
35-44 years.....	2,673	2.9	5.1	4.9	23.7	40.7	14.4	8.2	12.3
45-54 years.....	2,268	7.2	12.1	9.6	28.9	26.7	8.2	7.3	11.2
55 years and over.....	3,840	23.2	22.6	12.7	17.9	15.6	4.7	3.4	8.3

Source: U.S. Bureau of the Census, unpublished Current Population Survey data.



## No. 233. ILLITERACY—AGE, SEX, AND RACE: 1959 TO 1979

[Persons 14 years old and over. Relates to civilian noninstitutional population. 1959 excludes Alaska and Hawaii. Based on Current Population Survey; see text, p. 1. Persons unable to both read and write in any language classified as illiterate. Information on illiteracy was obtained in 1969 only for persons completing less than 6 years of school and in 1979 only for persons attending less than 6 years of school. See also *Historical Statistics, Colonial Times to 1970*, series H 669-688]

AGE AND SEX	PERCENT ILLITERATE OF THE POPULATION								
	Total			White			Black		
	1959	1969	1979	1959	1969	1979	1959	1969	1979
<b>Total, 14 years and over .....</b>	<b>2.2</b>	<b>1.0</b>	<b>.5</b>	<b>1.6</b>	<b>.7</b>	<b>.4</b>	<b>7.5</b>	<b>3.6</b>	<b>1.6</b>
14-24 years .....	.6	.3	.2	.5	.2	.2	1.2	.5	.2
25-44 years .....	1.2	.5	.3	.8	.4	.2	5.1	1.3	.5
45-64 years .....	2.6	1.1	.7	1.8	.7	.5	11.3	5.5	2.6
65 years and over .....	6.5	3.5	1.4	5.1	2.3	.8	25.5	16.7	6.8
<b>Male, 14 years and over .....</b>	<b>2.5</b>	<b>1.1</b>	<b>(NA)</b>	<b>1.7</b>	<b>.7</b>	<b>(NA)</b>	<b>9.8</b>	<b>4.3</b>	<b>(NA)</b>
14-24 years .....	.8	.3	(NA)	.7	.3	(NA)	1.7	.6	(NA)
25-44 years .....	1.6	.5	(NA)	1.0	.4	(NA)	7.1	2.1	(NA)
45-64 years .....	3.2	1.3	(NA)	2.0	.8	(NA)	15.6	7.4	(NA)
65 years and over .....	6.9	3.4	(NA)	5.3	2.1	(NA)	28.3	17.2	(NA)
<b>Female, 14 years and over .....</b>	<b>1.8</b>	<b>1.0</b>	<b>(NA)</b>	<b>1.4</b>	<b>.7</b>	<b>(NA)</b>	<b>5.4</b>	<b>2.9</b>	<b>(NA)</b>
14-24 years .....	.3	.2	(NA)	.3	.2	(NA)	.7	.3	(NA)
25-44 years .....	.9	.5	(NA)	.6	.5	(NA)	3.4	.6	(NA)
45-64 years .....	2.1	.9	(NA)	1.6	.6	(NA)	7.3	4.0	(NA)
65 years and over .....	6.2	3.5	(NA)	5.0	2.4	(NA)	23.0	16.2	(NA)

NA Not available.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, Nos. 99 and 217; and unpublished data.

## No. 234. PERCENT ILLITERATE OF POPULATION—STATES: 1900 TO 1970

[Relates to population 15 years old and over for 1900 to 1930 and 14 years old and over for 1950 to 1970. Beginning 1950, data are estimated. Persons unable to both read and write in any language classified as illiterate. See *Current Population Reports*, series P-23, No. 8, for method of estimating illiteracy by States]

REGION AND STATE	1900	1920	1930	1950	1960	1970	REGION AND STATE	1900	1920	1930	1950	1960	1970
<b>United States.....</b>	<b>11.3</b>	<b>6.5</b>	<b>4.8</b>	<b>3.3</b>	<b>2.4</b>	<b>1.2</b>	<b>So. Atlantic—Con.</b>						
<b>New England:</b>							Virginia.....	24.3	12.2	9.7	4.9	3.4	1.4
Maine.....	5.5	3.6	3.0	2.0	1.3	.7	West Virginia.....	12.6	7.2	5.5	3.5	2.7	1.4
New Hampshire.....	6.7	4.9	3.0	2.0	1.4	.7	No. Carolina.....	30.1	15.0	11.5	5.5	4.0	1.8
Vermont.....	6.4	3.3	2.4	1.7	1.1	.6	So. Carolina.....	37.4	20.9	16.7	7.9	5.5	2.3
Massachusetts.....	6.5	5.3	4.0	2.8	2.2	1.1	Georgia.....	32.1	16.7	10.4	6.9	4.5	2.0
Rhode Island.....	9.2	7.2	5.5	3.1	2.4	1.3	Florida.....	23.4	10.2	7.7	3.9	2.6	1.3
Connecticut.....	6.5	6.9	5.1	3.1	2.2	1.1	<b>East So. Central:</b>						
<b>Middle Atlantic:</b>							Kentucky.....	18.1	9.4	7.3	4.3	3.3	1.6
New York.....	6.1	5.6	4.1	3.5	2.9	1.4	Tennessee.....	21.9	11.3	8.0	4.7	3.5	1.7
New Jersey.....	6.5	5.8	4.3	2.9	2.2	1.1	Alabama.....	35.1	17.8	14.0	6.2	4.2	2.1
Pennsylvania.....	6.9	5.7	3.5	2.7	2.0	1.0	Mississippi.....	34.1	18.8	14.8	7.1	4.9	2.4
<b>East No. Central:</b>							<b>West So. Central:</b>						
Ohio.....	4.5	3.2	2.5	1.9	1.5	.8	Arkansas.....	21.3	10.2	7.6	5.0	3.6	1.9
Indiana.....	5.2	2.5	1.8	1.7	1.2	.7	Louisiana.....	39.6	23.4	15.1	9.8	6.3	2.8
Illinois.....	4.8	3.8	2.7	2.3	1.8	.9	Oklahoma.....	11.7	4.1	3.1	2.5	1.9	1.1
Michigan.....	4.8	3.4	2.2	2.0	1.6	.9	Texas.....	15.6	8.9	7.3	5.4	4.1	2.2
Wisconsin.....	5.4	2.8	2.1	1.7	1.2	.7	<b>Mountain:</b>						
<b>West No. Central:</b>							Montana.....	6.6	2.5	1.9	1.8	1.0	.6
Minnesota.....	4.6	2.1	1.4	1.5	1.0	.6	Idaho.....	5.1	1.7	1.2	1.3	.8	.6
Iowa.....	2.7	1.2	.9	.9	.7	.5	Wyoming.....	4.4	2.3	1.8	1.7	.9	.6
Missouri.....	7.0	3.4	2.5	2.1	1.7	.8	Colorado.....	4.5	3.6	3.1	2.0	1.3	.7
North Dakota.....	6.1	2.5	1.7	2.3	1.4	.8	New Mexico.....	35.7	17.4	14.9	6.6	4.0	2.2
South Dakota.....	5.8	1.9	1.4	1.5	.9	.5	Arizona.....	30.0	15.9	11.0	6.2	3.8	1.8
Nebraska.....	2.6	1.5	1.3	1.2	.9	.6	Utah.....	3.6	2.2	1.4	1.4	.9	.6
Kansas.....	3.3	1.8	1.4	1.3	.9	.6	Nevada.....	13.8	6.4	4.8	2.2	1.1	.5
<b>South Atlantic:</b>							<b>Pacific:</b>						
Delaware.....	13.2	6.6	4.4	2.7	1.9	.9	Washington.....	3.4	1.9	1.1	1.3	.9	.6
Maryland.....	12.1	6.1	4.2	2.7	1.9	.9	Oregon.....	3.7	1.6	1.1	1.2	.8	.6
District of Columbia.....	9.4	3.0	1.7	1.8	1.9	1.1	California.....	5.3	3.6	2.8	2.2	1.8	1.1
							Alaska.....	40.6	24.6	20.5	6.3	3.0	1.5
							Hawaii.....	35.2	21.2	17.5	8.4	5.0	1.9

Source: U.S. Bureau of the Census, unpublished data.

## NO. 235. YEARS OF SCHOOL COMPLETED, BY STATES: 1976

[In thousands of persons 18 years old and over, except as indicated. For definition of median, see Guide to Tabular Presentation]

REGION AND STATE	Population	YEARS OF SCHOOL COMPLETED						Median school years completed	PERCENT HIGH SCHOOL GRADUATES				
		Elementary school		High school		College			Total	18-24 years		25 years and over	
		0-4 years	5-8 years	1-3 years	4 years	1-3 years	4 yr. or more			Male	Female	Male	Female
U.S.	146,349	4,928	20,621	23,337	52,696	24,382	20,385	12.5	66.6	78.2	79.7	64.1	63.5
N.E.	8,461	184	1,075	1,251	3,076	1,469	1,406	12.6	70.3	81.3	81.6	68.1	67.7
Maine	727	9	104	122	282	112	99	12.5	67.8	80.7	79.0	64.1	65.9
N.H.	562	6	76	84	204	105	86	12.6	70.3	73.3	82.0	67.9	69.6
Vt.	320	3	50	43	117	56	50	12.5	69.7	83.0	83.3	64.6	69.6
Mass.	4,046	98	453	571	1,505	739	680	12.6	72.3	84.3	80.6	70.1	69.7
R.I.	645	22	106	118	212	90	96	12.4	61.7	75.3	78.2	61.4	56.1
Conn.	2,162	46	285	312	757	367	395	12.6	70.3	78.8	85.0	68.3	67.3
M.A.	26,004	704	3,789	4,401	9,558	3,786	3,767	12.4	65.8	81.4	81.3	63.1	62.0
N.Y.	12,713	380	1,746	2,166	4,328	2,062	2,030	12.5	66.2	81.3	78.5	64.4	62.6
N.J.	5,040	138	716	840	1,854	741	752	12.4	66.4	78.9	81.3	64.1	62.9
Pa.	8,250	186	1,326	1,395	3,376	983	985	12.4	64.8	83.0	85.3	60.5	60.5
E.N.C.	27,685	545	3,782	4,619	11,010	4,290	3,439	12.4	67.7	79.7	81.1	64.3	65.1
Ohio	7,261	123	960	1,263	3,120	961	834	12.4	67.7	79.9	80.1	64.0	65.7
Ind.	3,571	68	492	618	1,505	494	394	12.4	67.0	81.4	80.4	64.4	63.2
Ill.	7,566	199	1,147	1,216	2,651	1,316	1,037	12.5	66.1	78.5	80.3	63.9	62.4
Mich.	6,159	111	711	1,109	2,436	1,016	776	12.5	68.6	79.6	82.3	63.7	67.3
Wis.	3,129	44	473	413	1,299	502	398	12.5	70.3	80.6	83.6	66.5	58.3
W.N.C.	11,382	168	1,811	1,445	4,567	1,919	1,471	12.5	69.9	82.9	84.7	65.7	67.5
Minn.	2,637	30	386	311	1,104	456	350	12.5	72.4	82.6	87.6	67.6	70.9
Iowa	1,942	18	287	233	838	318	248	12.5	72.3	84.9	84.8	67.6	71.1
Mo.	3,314	82	616	493	1,258	474	391	12.4	64.1	77.2	77.4	61.7	60.8
N. Dak.	417	7	86	43	143	88	51	12.5	67.6	85.7	89.0	57.7	66.4
S. Dak.	457	5	90	47	171	92	52	12.5	68.9	87.1	90.1	60.3	67.8
Nebr.	1,046	10	141	118	420	207	150	12.6	74.3	87.0	90.0	70.1	71.7
Kans.	1,569	16	206	199	633	285	229	12.6	73.1	87.5	86.9	69.6	69.8
S.A.	23,484	1,163	3,742	4,077	7,649	3,589	3,263	12.4	61.7	72.4	76.0	59.6	58.6
Del.	394	7	46	66	143	70	61	12.5	69.5	78.7	82.8	67.0	66.9
Md.	2,776	59	356	436	976	433	516	12.6	69.3	77.2	79.0	68.4	66.4
D.C.	504	18	69	86	138	79	114	12.6	65.7	69.4	77.6	62.5	64.7
Va.	3,429	157	490	579	1,089	551	563	12.4	64.2	68.0	79.1	62.4	61.9
W. Va.	1,271	63	315	215	418	143	117	12.1	53.3	72.7	72.7	49.3	49.8
N.C.	3,748	240	705	732	1,099	528	444	12.2	55.3	66.8	73.7	50.2	53.4
S.C.	1,871	129	310	363	606	267	195	12.2	57.1	69.5	74.6	53.7	53.0
Ga.	3,319	264	534	573	1,074	466	409	12.3	58.7	76.0	71.5	57.3	53.7
Fla.	6,171	226	917	1,028	2,104	1,052	844	12.4	64.8	75.3	77.0	63.9	61.6
E.S.C.	9,198	607	1,900	1,701	2,854	1,172	964	12.1	54.3	67.2	71.6	50.6	51.3
Ky.	2,307	132	548	397	728	270	231	12.1	53.3	72.1	69.1	49.1	49.9
Tenn.	2,921	187	621	508	906	392	307	12.2	54.9	70.0	73.7	51.8	50.7
Ala.	2,442	167	431	489	802	303	251	12.2	55.5	60.8	73.2	52.9	53.5
Miss.	1,527	121	300	307	417	207	175	12.1	52.3	64.0	68.7	47.2	50.6
W.S.C.	14,099	852	2,044	2,364	4,783	2,287	1,768	12.4	62.7	74.7	76.3	61.1	57.9
Ark.	1,473	88	280	277	519	175	134	12.2	56.2	69.0	73.0	54.1	52.5
La.	2,459	214	418	395	806	344	283	12.3	58.3	72.9	76.1	55.0	53.0
Okla.	1,875	54	291	300	686	324	220	12.4	65.6	82.5	82.6	62.5	61.0
Tex.	8,292	497	1,055	1,393	2,771	1,444	1,132	12.4	64.5	74.5	75.6	63.8	59.7
Mt.	6,490	143	630	892	2,374	1,389	1,061	12.7	74.3	81.2	81.9	72.9	72.1
Mont.	506	6	66	67	195	100	72	12.6	72.5	83.1	84.5	67.5	71.8
Idaho	547	8	61	87	204	113	74	12.6	71.5	82.1	80.6	68.6	69.2
Wyo.	255	3	25	36	101	54	37	12.6	75.3	85.1	84.6	71.5	73.7
Colo.	1,735	23	150	208	638	381	336	12.8	78.1	82.2	83.8	77.0	76.5
N. Mex.	750	43	98	116	250	128	115	12.5	65.7	75.2	75.0	63.8	63.0
Ariz.	1,528	51	154	214	534	334	240	12.6	72.5	79.0	80.0	72.0	69.7
Utah	758	5	42	103	285	190	123	12.8	80.2	85.4	85.6	79.8	77.7
Nev.	411	5	34	61	167	90	54	12.6	75.7	80.9	82.4	75.6	73.0
Pac.	19,547	561	1,848	2,587	6,825	4,483	3,243	12.7	74.4	81.4	81.5	73.3	82.4
Wash.	2,417	25	228	320	944	512	388	12.7	76.3	82.0	84.0	73.8	75.6
Oreg.	1,607	17	160	215	616	350	248	12.7	75.5	85.1	83.2	72.4	74.6
Calif.	14,741	482	1,385	1,966	4,984	3,450	2,47	12.7	74.0	80.4	80.6	73.4	81.8
Alaska	216	6	14	24	86	48	38	12.7	79.6	81.4	83.6	79.4	88.1
Hawaii	566	31	61	61	196	122	95	12.7	73.0	90.4	86.0	70.7	66.5

Source: U.S. Bureau of the Census, unpublished data.

### NO. 236. MEDIAN MONEY INCOME OF PERSONS WITH INCOME, BY SEX AND EDUCATIONAL ATTAINMENT: 1970 TO 1979

(In thousands of dollars. For persons 18 years old and over, except as noted. Based on Current Population Survey; see Appendix III. For definition of median, see Guide to Tabular Presentation)

ITEM	MALE							FEMALE						
	1970 <sup>1</sup>	1974	1975	1976	1977	1978	1979	1970 <sup>1</sup>	1974	1975	1976	1977	1978	1979
Median income, total.....	7.9	9.0	9.4	10.1	10.7	11.7	12.5	2.6	3.3	3.6	3.9	4.3	4.4	4.7
Elementary school:														
Less than 8 years.....	3.6	4.5	4.6	5.0	5.4	5.6	5.9	1.4	2.1	2.2	2.4	2.5	2.7	2.9
8 years.....	5.4	6.4	6.5	6.8	7.0	7.5	7.9	1.8	2.4	2.6	2.8	3.0	3.1	3.3
High school: 1-3 years.....	7.3	7.6	7.4	7.8	7.9	8.6	9.1	2.4	2.8	3.0	3.1	3.3	3.3	3.6
4 years.....	8.8	9.9	10.2	10.7	11.5	12.3	13.3	3.4	3.8	4.2	4.6	4.9	5.0	5.1
College: 1-3 years.....	9.9	9.8	10.4	10.6	11.5	12.5	13.9	3.7	3.8	4.3	4.4	4.9	5.2	5.6
4 years.....	12.1	13.4	14.4	15.4	16.2	17.4	19.1	5.4	6.2	7.0	7.1	7.6	7.8	8.1
5 or more years.....	13.4	16.2	17.5	18.0	19.7	21.0	22.8	7.9	9.1	10.1	10.2	10.8	11.1	11.9

<sup>1</sup> Persons 25 years old and over.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, Nos. 80, 97, 105, 114, 118, 123, and 128.

### NO. 237. EMPLOYED PERSONS BY YEARS OF HIGH SCHOOL COMPLETED, BY OCCUPATION GROUP AND BY SEX AND RACE: 1970 AND 1980

[Relates to civilian noninstitutional population 18 years old and over in 1970, and 16 years old and over in 1980. As of March. Service includes private household workers. Based on Current Population Survey; see text, p. 1]

SEX, RACE, AND YEARS OF HIGH SCHOOL COMPLETED	1970					1980				
	Em- ployed (mil.)	Percent				Em- ployed (mil.)	Percent			
		White collar	Blue collar	Service	Farm		White collar	Blue collar	Service	Farm
Male, White:										
Less than 4 years.....	14.7	18.5	64.8	7.5	9.1	11.6	15.5	64.0	13.6	6.9
4 years or more.....	27.7	58.0	34.6	4.6	2.9	38.2	53.0	37.6	6.5	2.8
Male, Black and other: <sup>1</sup>										
Less than 4 years.....	2.6	8.8	71.6	12.6	7.0	1.7	8.5	65.4	20.2	5.8
4 years or more.....	2.0	42.1	47.3	9.2	1.4	2.8	32.6	51.9	14.6	.9
Female, White:										
Less than 4 years.....	6.9	30.3	35.6	31.0	3.2	6.7	32.8	29.5	35.5	2.2
4 years or more.....	18.1	77.9	9.0	12.3	.8	29.3	76.2	9.3	13.8	.7
Female, Black and other: <sup>1</sup>										
Less than 4 years.....	1.7	10.3	21.5	67.0	1.2	1.3	14.9	22.5	62.0	.5
4 years or more.....	1.9	56.8	15.8	27.3	.2	3.0	63.4	14.4	21.8	.4

<sup>1</sup> For 1980, data are for Black only.

Source: U.S. Bureau of Labor Statistics, *Special Labor Force Report*, No. 125, and forthcoming report.

### NO. 238. SCHOOL DAYS LOST ASSOCIATED WITH ACUTE AILMENTS: 1975 AND 1978

[Children 6-16 years of age. Based on data collected during the periods July-June 1975 and July-June 1978, respectively. Based on a sample of the civilian noninstitutional population; see Appendix III]

CONDITION	TOTAL DAYS LOST (mil.)						DAYS LOST PER 100 CHILDREN PER YEAR					
	1975			1978			1975			1978		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
All acute conditions.....	193	97	96	201	94	107	451	447	456	490	448	533
Infective and parasitic diseases.....	35	19	16	29	13	16	81	86	77	70	61	80
Respiratory conditions.....	112	52	60	131	61	70	261	239	284	320	291	350
Upper respiratory.....	52	25	27	60	28	32	121	113	130	146	132	160
Influenza and other.....	60	27	32	71	33	38	140	126	154	174	159	190
Digestive system conditions.....	9	4	4	8	4	4	21	20	21	20	19	21
Injuries.....	22	14	8	16	9	7	52	67	36	38	42	34
All other acute conditions.....	15	7	8	17	7	10	36	34	38	41	35	48

Source: U.S. National Center for Health Statistics, series 10, Nos. 114 and 132, *Acute Conditions, Incidence and Associated Disability*; and unpublished data.

## No. 239. PUBLIC ELEMENTARY AND SECONDARY SCHOOLS—SUMMARY: 1960 TO 1980

[Revenue and expenditure data for years ending June 30. See also *Historical Statistics, Colonial Times to 1970*, series H 420, H 487-507, and H 520-530]

ITEM	1960	1966	1970	1972	1974	1976	1978	1979	1980
<b>ENROLLMENT (day schools only)</b>									
<b>Total population<sup>1</sup> (mil.)</b>	<b>179.3</b>	<b>193.8</b>	<b>203.2</b>	<b>206.2</b>	<b>209.9</b>	<b>213.0</b>	<b>216.4</b>	<b>218.2</b>	<b>220.1</b>
Population 5-17 years <sup>1</sup> (mil.)	43.9	50.0	52.5	52.3	51.5	50.4	49.0	48.0	46.9
Percent of total population	24.5	25.8	25.8	25.4	24.5	23.6	22.7	22.0	21.3
Pupils enrolled (mil.)	36.1	42.8	<sup>2</sup> 45.6	<sup>2</sup> 46.1	<sup>2</sup> 45.4	<sup>2</sup> 44.8	<sup>2</sup> 43.6	<sup>2</sup> 42.6	<sup>2</sup> 41.6
Percent of total population	20.1	22.1	22.4	22.3	21.6	21.0	20.2	19.5	18.9
Percent of population 5-17 years	82.2	85.7	86.9	88.1	88.2	88.9	89.0	88.7	88.7
Average daily attendance (mil.)	32.5	39.2	41.9	42.3	41.4	41.3	40.2	39.1	38.4
Percent of pupils enrolled	90.0	91.4	91.9	91.7	91.2	92.2	92.0	91.8	92.3
Average length of term in days	178.0	178.9	178.9	179.3	178.7	178.3	(NA)	(NA)	(NA)
Average number of days attended per enrolled pupil	160.2	163.5	161.7	161.7	159.5	161.1	(NA)	(NA)	(NA)
<b>INSTRUCTIONAL STAFF (day schools only)</b>									
<b>Total<sup>3</sup> (1,000)</b>	<b>1,464</b>	<b>1,885</b>	<b>2,253</b>	<b>2,322</b>	<b>2,425</b>	<b>2,476</b>	<b>2,351</b>	<b>2,337</b>	<b>2,332</b>
Classroom teachers (1,000)	1,355	1,786	2,023	2,070	2,155	2,196	2,208	2,199	2,181
Male <sup>4</sup> (1,000)	393	568	656	695	723	741	(NA)	(NA)	(NA)
Percent <sup>4</sup>	29.0	31.8	32.4	33.7	33.5	33.7	(NA)	(NA)	(NA)
Female <sup>4</sup> (1,000)	962	1,218	1,367	1,375	1,432	1,455	(NA)	(NA)	(NA)
Principals (1,000)	64	77	91	97	100	104	(NA)	(NA)	(NA)
Supervisors (1,000)	14	22	32	37	38	35	(NA)	(NA)	(NA)
<b>REVENUES</b>									
<b>Total (mil. dol.)</b>	<b>14,747</b>	<b>25,367</b>	<b>40,267</b>	<b>50,004</b>	<b>58,231</b>	<b>71,206</b>	<b>81,440</b>	<b>88,057</b>	<b>90,405</b>
Federal (mil. dol.)	652	1,997	3,220	4,468	4,930	6,318	7,699	8,643	7,674
State (mil. dol.)	5,768	9,920	16,063	19,133	24,113	31,776	35,005	40,246	42,805
Local (incl. intermediate) (mil. dol.)	8,327	13,440	20,985	26,402	29,187	33,112	38,736	39,168	39,927
<b>EXPENDITURES</b>									
<b>Total (mil. dol.)</b>	<b>15,613</b>	<b>26,248</b>	<b>40,683</b>	<b>48,050</b>	<b>56,970</b>	<b>70,629</b>	<b>80,844</b>	<b>86,712</b>	<b>90,177</b>
Current expenditure for day schools (mil. dol.)	12,329	21,053	34,218	41,818	50,025	62,083	73,058	78,951	80,342
Other current expenditure <sup>5</sup> (mil. dol.)	133	648	636	<sup>6</sup> 395	<sup>6</sup> 453	<sup>6</sup> 554	<sup>6</sup> 589	<sup>6</sup> 357	<sup>6</sup> 1,162
Capital outlay (mil. dol.)	<sup>8</sup> 2,662	3,755	4,659	4,459	4,979	6,146	5,245	5,448	6,173
Interest (mil. dol.)	490	792	1,171	1,378	1,514	1,846	1,952	1,955	2,500
<b>In current dollars:</b>									
Total expenditure:									
Per capita of total population (dol.)	87	135	200	233	271	332	374	397	410
Per pupil in average daily attendance in day schools <sup>9</sup> (dol.)	472	654	955	1,128	1,364	1,698	2,011	2,210	2,350
Current expenditure per pupil in average daily attendance in day schools <sup>10</sup> (dol.)	375	537	816	990	1,207	1,504	1,823	2,021	2,124
Salaries of total instructional staff (mil. dol.)	7,671	13,068	20,879	24,292	28,110	30,009	(NA)	(NA)	(NA)
Average annual salary per member (dol.)	5,174	6,935	8,840	10,100	11,185	<sup>12</sup> 12,448	<sup>12</sup> 14,244	<sup>12</sup> 15,615	<sup>12</sup> 16,813
<b>In 1980 dollars:</b>									
Total expenditure (mil. dol.)	41,251	63,812	83,620	90,651	94,821	98,845	100,206	98,253	90,177
Per capita of total population (dol.)	230	328	411	440	451	465	464	450	410
Per pupil in average daily attendance in day schools <sup>9</sup> (dol.)	1,247	1,590	1,963	2,128	2,270	2,376	2,493	2,504	2,350
Current expenditure per pupil in average daily attendance in day schools <sup>10</sup> (dol.)	991	1,306	1,677	1,868	2,009	2,105	2,260	2,290	2,124
Average annual salary per member of total instructional staff (dol.)	13,670	16,860	18,170	19,055	18,616	<sup>12</sup> 17,421	<sup>12</sup> 17,655	<sup>12</sup> 17,693	<sup>12</sup> 16,813

NA Not available. <sup>1</sup>For 1960 and 1970, enumerated population as of April 1; for all other years, estimated population as of July 1 of preceding year. Excludes Armed Forces abroad. <sup>2</sup>As of fall of preceding year. <sup>3</sup>Includes librarians and other non-supervisory instructional staff, not shown separately. <sup>4</sup>Estimated. <sup>5</sup>Comprises summer schools, community colleges, adult education, and community services. <sup>6</sup>Excludes adult education and community colleges. <sup>7</sup>Includes adult education, summer school, Head Start, and other education programs. <sup>8</sup>Excludes capital outlay by State and local schoolhousing authorities. <sup>9</sup>Based on current expenditures allocable to pupil costs, capital outlay, and interest. <sup>10</sup>Excludes current expenditures not allocable to pupil costs.

Source: U.S. National Center for Education Statistics, *Statistics of State School Systems*, biennial; and *Statistics of Public Elementary and Secondary Schools*, annual.

**NO. 240. PUBLIC ELEMENTARY AND SECONDARY SCHOOL ENROLLMENT AND RATE, 1970 AND 1980,  
ATTENDANCE, 1980, AND LENGTH OF TERM, 1976—STATES**

[Enrollment as of fall of preceding year. ADA=Average daily attendance; ADM=Average daily membership]

STATE	ENROLLMENT (1,000)		ENROLLMENT RATE <sup>1</sup>		Per- cent ADA of ADM, 1980	Avg. days in school year, 1976 (days)	STATE	ENROLLMENT (1,000)		ENROLLMENT RATE <sup>1</sup>		Per- cent ADA of ADM, 1980	Avg. days in school year, 1976 (days)
	1970	1980	1970	1980				1970	1980	1970	1980		
<b>U.S.</b> .....	<b>45,619</b>	<b>41,579</b>	<b>86.9</b>	<b>87.7</b>	<b>94.1</b>	<b>178.3</b>	<b>S.A.—Con.</b>						
<b>N.E.</b> .....	<b>2,465</b>	<b>2,254</b>	<b>83.2</b>	<b>89.3</b>	<b>91.7</b>	<b>179.9</b>	W. Va.....	401	388	90.7	93.7	(NA)	179.1
Maine.....	240	228	92.7	93.8	93.6	175.4	N.C.....	1,186	1,150	89.6	91.8	93.6	180.0
N.H.....	152	171	80.4	87.2	98.2	179.6	S.C.....	648	625	90.0	88.9	96.5	180.0
Vt.....	100	98	85.5	89.1	96.0	177.0	Ga.....	1,113	1,078	90.9	87.6	93.6	180.0
Mass.....	1,147	1,036	81.7	89.9	90.0	<sup>2</sup> 181.0	Fla.....	1,408	1,508	87.5	84.3	(NA)	180.0
R.I.....	180	154	80.0	82.8	93.7	<sup>2</sup> 180.0	<b>E.S.C.</b>	<b>2,996</b>	<b>2,779</b>	<b>87.8</b>	<b>85.9</b>	<b>94.4</b>	<b>175.9</b>
Conn.....	646	567	84.1	88.9	91.0	180.0	Ky.....	704	677	83.4	84.6	93.2	175.2
<b>M.A.</b> .....	<b>7,287</b>	<b>6,226</b>	<b>80.2</b>	<b>83.5</b>	<b>90.6</b>	<b>179.0</b>	Tenn.....	891	866	88.9	89.0	93.4	175.7
N.Y.....	3,514	2,969	80.6	83.6	89.0	177.3	Ala.....	826	754	88.5	87.2	96.0	175.9
N.J.....	1,455	1,288	80.9	84.3	92.3	180.3	Miss.....	575	482	90.6	80.5	95.0	177.3
Pa.....	2,318	1,969	79.3	82.8	92.0	180.6	<b>W.S.C.</b>	<b>4,682</b>	<b>4,709</b>	<b>90.4</b>	<b>90.2</b>	<b>93.4</b>	<b>178.6</b>
<b>E.N.C.</b> .....	<b>9,118</b>	<b>7,870</b>	<b>85.1</b>	<b>87.6</b>	(NA)	<b>178.2</b>	Ark.....	460	453	92.6	91.5	94.8	175.0
Ohio.....	2,424	2,025	86.0	87.7	92.3	178.1	La.....	854	800	82.0	82.6	92.8	179.7
Ind.....	1,224	1,084	88.4	90.4	93.7	181.4	Okla.....	613	583	95.6	93.7	94.6	175.1
Ill.....	2,324	2,043	81.3	85.2	94.9	174.1	Tex.....	2,755	2,873	91.8	91.6	93.1	179.7
Mich.....	2,166	1,860	88.5	90.0	(NA)	180.0	<b>Mt.</b>	<b>2,100</b>	<b>2,274</b>	<b>90.9</b>	<b>92.3</b>	(NA)	<b>170.7</b>
Wis.....	980	858	81.5	84.9	92.9	180.1	Mont.....	175	158	89.3	94.6	94.3	<sup>2</sup> 180.7
<b>W.N.C.</b> .....	<b>3,817</b>	<b>3,161</b>	<b>88.8</b>	<b>88.9</b>	(NA)	<b>176.6</b>	Idaho.....	180	203	90.0	95.3	96.1	180.0
Minn.....	914	778	87.0	89.9	94.0	176.5	Wyo.....	87	96	93.5	95.0	93.4	180.4
Iowa.....	681	548	88.9	90.7	94.8	175.8	Colo.....	538	551	91.5	93.1	94.1	179.7
Mo.....	1,077	873	91.0	86.6	(NA)	<sup>2</sup> 175.0	N. Mex.....	276	276	89.0	91.4	95.0	<sup>2</sup> 180.0
N. Dak.....	148	118	84.6	86.1	98.2	180.1	Ariz.....	418	509	86.0	88.1	(NA)	175.0
S. Dak.....	167	134	89.3	91.2	95.5	175.7	Utah.....	302	333	96.8	95.1	94.4	180.0
Nebr.....	331	287	85.3	88.6	95.9	176.8	Nev.....	124	148	98.4	93.1	98.9	180.0
Kans.....	519	423	90.6	90.4	93.9	180.0	<b>Pac.</b>	<b>6,153</b>	<b>5,538</b>	<b>91.8</b>	<b>87.5</b>	(NA)	<b>176.8</b>
<b>S.A.</b> .....	<b>7,004</b>	<b>6,768</b>	<b>89.0</b>	<b>88.7</b>	(NA)	<b>180.2</b>	Wash.....	820	765	93.2	91.8	93.0	180.0
Del.....	130	104	87.2	82.5	91.6	180.0	Oreg.....	479	467	89.7	89.0	92.8	178.0
Md.....	892	778	85.9	86.8	91.5	181.4	Calif.....	4,598	4,048	92.0	86.5	(NA)	176.0
D.C.....	149	106	90.9	97.2	86.1	182.0	Alaska.....	77	89	87.7	97.8	92.9	179.9
Va.....	1,077	1,031	89.9	92.5	93.0	180.4	Hawaii.....	179	169	87.3	85.4	91.8	177.9

NA Not available. <sup>1</sup> Percent of persons, 5-17 years. 1970 based on enumerated resident population as of April 1, 1970; 1980, on enumerated resident population as of April 1, 1980. <sup>2</sup> Estimated.

Source: U.S. National Center for Education Statistics, *Statistics of State School Systems*, biennial; and *Digest of Education Statistics*, annual.

**NO. 241. PUBLIC ELEMENTARY AND SECONDARY SCHOOLS—ENROLLMENT, BY GRADE: 1960 TO 1979**

[For school year through 1965; thereafter, as of fall of year. Beginning 1975, kindergarten includes nursery schools. Ungraded and special classes prorated among grades. Twelfth grade includes postgraduates. See also *Historical Statistics, Colonial Times to 1970*, series H 420-424]

GRADE	ENROLLMENT (1,000)								PERCENT DISTRIBUTION			
	1960	1965	1970	1975	1976	1977	1978	1979	1960	1970	1975	1979
<b>Pupils enrolled</b> .....	<b>36,087</b>	<b>42,280</b>	<b>45,909</b>	<b>44,791</b>	<b>44,317</b>	<b>43,577</b>	<b>42,611</b>	<b>41,579</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
<b>Kindergarten and grades 1-8</b> .....	<b>27,602</b>	<b>30,652</b>	<b>32,577</b>	<b>30,487</b>	<b>30,006</b>	<b>29,336</b>	<b>28,455</b>	<b>27,884</b>	<b>76.5</b>	<b>71.0</b>	<b>68.1</b>	<b>67.1</b>
Kindergarten.....	1,923	2,250	2,559	2,945	2,919	2,742	2,642	2,675	5.3	5.6	6.6	6.4
First.....	3,793	4,014	4,814	3,236	3,330	3,295	3,062	2,938	10.3	8.3	7.2	7.1
Second.....	3,436	3,800	3,654	3,027	3,084	3,199	3,148	2,896	9.5	8.0	6.8	7.0
Third.....	3,302	3,662	3,662	3,038	2,986	3,060	3,158	3,096	9.2	8.0	6.8	7.4
Fourth.....	3,146	3,523	3,676	3,112	3,024	2,979	3,046	3,130	8.7	8.0	6.9	7.5
Fifth.....	3,118	3,465	3,634	3,281	3,115	3,019	2,980	3,055	8.6	7.9	7.3	7.3
Sixth.....	3,070	3,362	3,599	3,476	3,297	3,111	3,036	2,999	8.5	7.8	7.8	7.2
Seventh.....	3,173	3,363	3,662	3,619	3,576	3,384	3,228	3,128	8.8	8.0	8.1	7.5
Eighth.....	2,701	3,212	3,601	3,636	3,581	3,533	3,355	3,168	7.5	7.8	8.1	7.6
<b>Grades 9-12</b> .....	<b>8,485</b>	<b>11,628</b>	<b>13,332</b>	<b>14,304</b>	<b>14,310</b>	<b>14,240</b>	<b>14,156</b>	<b>13,694</b>	<b>23.5</b>	<b>29.0</b>	<b>31.9</b>	<b>32.9</b>
Ninth.....	2,412	3,198	3,652	3,879	3,823	3,779	3,726	3,516	6.7	8.0	8.7	8.5
Tenth.....	2,258	3,085	3,457	3,723	3,737	3,686	3,610	3,527	6.3	7.5	8.3	8.5
Eleventh.....	2,063	2,778	3,127	3,354	3,373	3,388	3,312	3,241	5.7	6.8	7.5	7.8
Twelfth.....	1,752	2,567	2,774	2,986	3,015	3,026	3,023	2,969	4.8	6.0	6.7	7.1

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics*, annual.

NO. 242. CHARACTERISTICS OF PRIVATE SCHOOLS, BY LEVEL AND AFFILIATION: 1976 AND 1978

[As of **October**. Elementary includes any combination of grades from prekindergarten through 8. Secondary includes any combination of grades from 7 through 12. Combined must include at least one grade below grade 7 and one above grade 8]

LEVEL AND ITEM	ALL NONPUBLIC SCHOOLS		NO AFFILIATION		CHURCH AFFILIATION					
	1976	1978	1976	1978	Total		Catholic		Other	
					1976	1978	1976	1978	1976	1978
<b>Total:</b>										
Schools.....	20,081	19,663	4,171	3,944	15,910	15,719	9,966	9,849	5,944	5,870
Pupils (1,000).....	5,167	5,084	758	747	4,409	4,338	3,423	3,270	986	1,068
Teachers <sup>1</sup> .....	268,908	272,664	62,331	63,232	206,577	209,432	146,251	143,352	60,326	66,080
Pupil/teacher ratio.....	19.2	18.6	12.2	11.8	21.3	20.7	23.4	22.8	16.3	16.2
<b>Elementary: <sup>2</sup></b>										
Schools.....	12,965	12,749	1,476	1,384	11,489	11,365	8,092	8,020	3,397	3,345
Pupils (1,000).....	3,081	2,989	184	184	2,896	2,804	2,464	2,342	433	462
Teachers <sup>1</sup> .....	133,307	133,031	14,066	13,788	119,241	119,243	95,031	93,028	24,210	26,215
Pupil/teacher ratio.....	23.1	22.5	13.1	13.3	24.3	23.5	25.9	25.2	17.9	17.6
<b>Secondary:</b>										
Schools.....	2,484	2,418	473	445	2,011	1,973	1,552	1,518	459	455
Pupils (1,000).....	1,080	1,068	97	100	983	969	882	857	101	112
Teachers <sup>1</sup> .....	62,121	62,604	9,086	9,231	53,035	53,373	45,754	44,940	7,281	8,433
Pupil/teacher ratio.....	17.4	17.1	10.7	10.8	18.5	18.1	19.3	19.1	13.9	13.3
<b>Combined:</b>										
Schools.....	3,420	3,348	1,276	1,219	2,144	2,129	140	135	2,004	1,994
Pupils (1,000).....	905	937	401	396	504	540	58	53	446	488
Teachers <sup>1</sup> .....	61,244	64,448	29,946	30,652	31,298	33,796	3,189	2,960	28,109	30,836
Pupil/teacher ratio.....	14.8	14.5	13.4	12.9	16.1	16.0	18.2	17.8	15.9	15.8
<b>Other: <sup>3</sup></b>										
Schools.....	1,212	1,148	946	896	266	252	182	176	84	76
Pupils (1,000).....	101	90	76	66	25	24	19	18	6	6
Teachers <sup>1</sup> .....	12,236	12,561	9,233	9,561	3,003	3,020	2,277	2,424	726	596
Pupil/teacher ratio.....	8.2	7.2	8.2	6.9	8.4	7.9	8.2	7.5	8.9	9.7

<sup>1</sup> Full-time equivalent teachers.    <sup>2</sup> Includes middle schools.    <sup>3</sup> Includes special education, vocational/technical, and alternative schools regardless of grade span.

Source: U.S. National Center for Education Statistics, *Private Schools in American Education*.

NO. 243. CATHOLIC ELEMENTARY AND SECONDARY SCHOOLS: 1960 TO 1980

[As of **October 1**. Regular sessions only. See also *Historical Statistics, Colonial Times to 1970*, series H 535-544]

ITEM	UNIT	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980
<b>Elementary schools.....</b>	<b>Number.....</b>	10,501	10,879	9,362	8,437	8,340	8,281	8,204	8,159	8,100	8,043
Pupils enrolled.....	1,000.....	4,373	4,492	3,355	2,602	2,525	2,483	2,421	2,365	2,293	2,269
Teachers, total.....	1,000.....	108	120	112	100	99	100	100	99	98	97
Religious.....	1,000.....	79	76	52	38	35	34	32	29	27	25
Lay.....	1,000.....	29	44	60	62	64	66	68	70	71	72
<b>Secondary schools.....</b>	<b>Number.....</b>	2,392	2,413	1,981	1,690	1,653	1,623	1,593	1,564	1,540	1,516
Pupils enrolled.....	1,000.....	880	1,082	1,008	902	890	882	867	853	846	837
Teachers, total.....	1,000.....	44	57	54	50	50	51	51	49	49	49
Religious.....	1,000.....	33	38	28	21	20	19	18	16	15	14
Lay.....	1,000.....	11	19	26	29	30	32	33	33	34	35

Source: National Catholic Educational Association, Washington, D.C., *A Statistical Report on Catholic Elementary and Secondary Schools for the Years 1967-68 to 1969-70*, and U.S. Catholic Schools, 1973-74, and National Catholic Educational Association/ Ganley's, *Catholic Schools in America*, annual. (Copyright.)

NO. 244. SCHOOL ENROLLMENT OF INDIAN CHILDREN: 1960 TO 1977

[In thousands, except percent. As of fall. Relates to children 6-18 years of age through 1965; 5-18 thereafter]

STATUS OF CHILDREN	1960	1965	1970	1971	1972	1973	1974	1975	1976	1977
<b>Total.....</b>	<b>146</b>	<b>149</b>	<b>206</b>	<b>207</b>	<b>213</b>	<b>205</b>	<b>209</b>	<b>209</b>	<b>216</b>	<b>219</b>
<b>In school.....</b>	<b>133</b>	<b>134</b>	<b>186</b>	<b>190</b>	<b>197</b>	<b>188</b>	<b>190</b>	<b>190</b>	<b>202</b>	<b>206</b>
Percent of total.....	91.3	89.7	90.3	91.8	92.5	91.7	90.9	90.9	93.5	94.1
Federal.....	37	43	48	49	49	48	48	47	46	46
Public.....	85	82	127	131	139	129	134	133	145	149
Other.....	11	9	11	11	10	11	10	10	11	11
Not in school.....	9	9	12	10	9	8	8	11	9	8
Unknown <sup>1</sup> .....	4	7	8	7	7	9	11	8	5	5

<sup>1</sup> Children recorded on census records but residing off the reservation.

Source: U.S. Bureau of Indian Affairs, *Statistics Concerning Indian Education*, annual.

**NO. 245. BLACK AND HISPANIC ENROLLMENT IN PUBLIC ELEMENTARY AND SECONDARY SCHOOLS:  
1970 TO 1978**

[As of fall. Excludes Hawaii. Data are estimated from results of a survey of public school districts with a substantial minority group enrollment. "Minority group" refers to Blacks, American Indians, Alaskan Natives, Asian or Pacific Islanders, and Hispanics]

ITEM	1970	1974	1976	1978	ITEM	1970	1974	1976	1978
<b>Total enrollment (1,000)</b>	<b>44,910</b>	<b>45,988</b>	<b>43,540</b>	<b>41,571</b>	<b>Total enrollment (1,000)</b>	<b>44,910</b>	<b>45,988</b>	<b>43,540</b>	<b>41,571</b>
Black (1,000)	6,713	6,684	6,772	6,565	Hispanic (1,000)	2,275	2,577	2,797	2,884
Percent Black—					Percent Hispanic—				
Of total enrollment	14.9	14.5	15.6	15.8	Of total enrollment	5.1	5.6	6.4	6.9
By minority group enrollment in—					By minority group enrollment in—				
Schools under 50 percent	33.1	37.1	43.2	(NA)	Schools under 50 percent	44.2	42.3	40.1	(NA)
Schools 50-100 percent	66.9	63.0	56.8	(NA)	Schools 50-100 percent	55.8	57.8	59.9	(NA)
Schools 95-100 percent	38.2	33.6	(NA)	(NA)	Schools 95-100 percent	16.3	(NA)	(NA)	(NA)
Schools 100 percent	14.0	11.4	(NA)	(NA)	Schools 100 percent	1.8	1.2	(NA)	(NA)

NA Not available.

Source: U.S. Dept. of Education, Office of the Assistant Secretary for Civil Rights, *Distribution of Students by Racial/Ethnic Composition of Schools, 1970-1976* (vol. I), and *State and National Summaries of Data Collected by the Elementary and Secondary Schools Civil Rights Survey, 1976 and 1978*.

**NO. 246. MINORITY ENROLLMENT IN PUBLIC ELEMENTARY AND SECONDARY SCHOOLS, BY MINORITY-GROUP SCHOOL ENROLLMENT, 1976 AND 1978, AND BY STATES, 1978**

[As of fall. "Minority group" refers to Blacks, American Indians, Alaskan Natives, Asian or Pacific Islanders, and Hispanics. Data are based on a survey of public school districts with a substantial minority-group enrollment. Extent of undercoverage (school districts not included) will vary by State]

STATE	Total minority enrollment <sup>1</sup> (1,000)	MINORITY-GROUP SCHOOL ENROLLMENT					STATE	Total minority enrollment <sup>1</sup> (1,000)	MINORITY-GROUP SCHOOL ENROLLMENT				
		Under 50 percent		90-100 percent (1,000)	99-100 percent				Under 50 percent		90-100 percent (1,000)	99-100 percent	
		Total (1,000)	Per-cent		Num-ber (1,000)	Per-cent			Total (1,000)	Per-cent		Num-ber (1,000)	Per-cent
<b>Total, 1976.....</b>	<b>10,747.0</b>	<b>4,287.0</b>	<b>39.9</b>	<b>3,379.8</b>	<b>1,829.2</b>	<b>17.0</b>	Miss.....	236.0	67.8	28.7	71.7	36.6	15.5
<b>Total, 1978.....</b>	<b>10,336.5</b>	<b>4,088.4</b>	<b>39.6</b>	<b>3,115.6</b>	<b>1,663.9</b>	<b>16.1</b>	Mo.....	136.9	48.6	35.5	64.7	42.9	31.3
Ala.....	252.4	104.8	41.5	88.4	60.3	23.9	Mont.....	13.0	8.5	64.9	2.7	.4	2.9
Alaska.....	25.0	12.5	50.1	8.8	3.7	14.7	Nev.....	22.8	18.5	81.0	.8	.8	3.3
Ariz.....	171.9	69.6	40.4	37.3	4.1	2.4	N.H.....	24.9	22.6	90.7	.5	-	-
Ark.....	103.6	50.6	48.9	4.4	.8	.8	N.J.....	1.7	1.7	100.0	-	-	-
Calif.....	1,487.0	621.6	41.8	311.5	152.0	10.2	N. Mex.....	345.5	113.7	32.9	140.4	54.4	15.8
Colo.....	112.6	73.1	64.9	.7	.1	.1	N. Y.....	151.1	41.3	27.3	27.9	2.5	1.7
Conn.....	93.3	47.4	50.9	25.0	7.9	8.5	N. C.....	948.2	216.0	22.8	502.0	256.7	27.1
Del.....	29.2	27.6	94.4	-	-	-	N. C.....	368.9	228.5	62.0	17.5	4.9	1.3
D.C.....	109.4	.7	.6	103.0	87.4	79.9	N. Dak.....	7.6	3.0	38.8	3.4	1.7	22.7
Fla.....	466.1	258.3	55.4	70.5	18.1	3.9	Ohio.....	300.9	117.2	38.9	102.6	64.6	21.5
Ga.....	351.5	136.2	38.7	95.6	55.1	15.7	Okl.....	127.4	95.0	74.6	5.4	.1	.1
Hawaii.....	131.9	6.1	4.6	44.1	.7	.5	Oreg.....	33.2	30.2	91.0	.1	-	-
Idaho.....	11.9	11.3	94.0	-	-	-	Pa.....	284.5	90.4	31.8	132.9	81.5	28.6
Ill.....	567.0	124.9	22.0	359.4	287.5	50.7	R.I.....	11.8	9.9	83.4	-	-	-
Ind.....	119.3	57.7	48.4	36.5	22.6	19.0	S.C.....	266.4	105.5	39.6	38.8	21.2	8.0
Iowa.....	21.5	19.7	91.7	.1	.1	.2	S.Dak.....	9.9	7.5	76.1	.7	.1	.5
Kans.....	48.8	40.2	82.3	3.8	2.3	4.7	Tenn.....	184.1	69.9	37.9	55.1	27.2	14.8
Ky.....	61.4	53.8	87.7	1.3	1.2	1.9	Tex.....	1,144.1	361.4	31.6	393.8	131.1	11.5
La.....	337.1	125.8	37.3	118.4	81.7	24.2	Utah.....	23.6	21.8	92.3	1.0	.1	.4
Maine.....	2.0	2.0	100.0	-	-	-	Vt.....	.6	.6	100.0	-	-	-
Md.....	259.9	105.7	40.7	75.2	54.2	20.8	Va.....	283.2	138.6	48.9	16.1	3.0	1.1
Mass.....	98.8	48.5	49.1	1.0	-	-	W. Va.....	79.7	64.5	80.9	.9	.1	.1
Mich.....	334.1	102.0	30.5	140.1	86.6	25.9	W. Va.....	21.3	19.3	91.0	.7	.7	3.4
Minn.....	38.5	35.3	91.7	.2	-	-	Wis.....	66.7	44.2	66.3	10.6	7.0	10.5
							Wyo.....	8.1	6.9	84.7	.3	-	-

- Represents zero. <sup>1</sup> Includes categories not shown separately.

Source: U.S. Office for Civil Rights, *State and National Summaries of Data Collected by The Elementary and Secondary Schools Civil Rights Survey, 1976 and 1978*.

### NO. 247. PUBLIC SCHOOL PUPIL TRANSPORTATION: 1940 TO 1978

[Prior to 1960, excludes Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1970*, series H 531-534]

ITEM	Unit	1940	1950	1960	1968	1970	1974	1976	1977	1978
Pupils transported at public expense <sup>1</sup>	Million	4.1	6.9	12.2	17.1	18.2	21.3	21.8	22.5	21.7
Percent of pupils in ADA <sup>1</sup>	Percent	16.3	27.7	37.6	42.0	43.4	51.5	52.8	55.2	54.4
Expenditure of public funds <sup>2</sup>	Mill. dol.	83	215	486	981	1,219	1,858	2,377	2,502	2,731
Cost per pupil transported <sup>1</sup>	Dollars	20	31	40	57	67	87	109	111	125

<sup>1</sup>Prior to 1960 based on enrollment; thereafter, average daily attendance (ADA). <sup>2</sup>Excludes capital outlay.

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics*, annual.

### NO. 248. PUBLIC SCHOOL TRANSPORTATION—SUMMARY, BY STATES: 1976

[ADA = Average daily attendance. Data refer to elementary and secondary schools]

STATE	ADA OF PUPILS TRANSPORTED AT PUBLIC EXPENSE		EXPENDITURES FOR TRANSPORTATION		STATE	ADA OF PUPILS TRANSPORTED AT PUBLIC EXPENSE		EXPENDITURES FOR TRANSPORTATION	
	Total (1,000)	Percent of total ADA	Total (mil. dol.)	Avg. per pupil		Total (1,000)	Percent of total ADA	Total (mil. dol.)	Avg. per pupil
U.S. <sup>1</sup>	21,772.5	52.8	2,377.3	\$109.19	Miss.	306.0	63.9	24.8	81.02
Ala.	442.8	61.8	25.1	56.75	Mo.	636.9	73.6	53.4	83.78
Alaska	37.3	45.7	10.6	283.35	Mont.	56.0	35.8	10.9	194.76
Ariz.	168.4	37.0	21.5	127.38	Neb.	69.2	23.3	15.0	216.95
Ark.	261.5	61.0	20.6	78.94	Nev.	46.9	35.9	6.9	150.54
Calif.	950.4	21.8	91.7	96.47	N.H.	106.9	66.9	10.0	93.25
Colo.	240.3	45.6	24.6	102.50	N.J.	610.4	46.6	92.2	151.01
Conn.	396.8	66.6	40.1	100.97	N. Mex.	131.9	51.4	15.3	116.31
Del.	81.5	69.4	9.6	118.13	N.Y.	1,910.8	63.4	368.4	192.77
D.C. <sup>2</sup>	1.1	.9	8.3	( <sup>2</sup> )	N.C.	744.8	66.5	42.9	57.66
Fla.	727.8	50.7	56.6	77.76	N. Dak.	53.7	42.5	12.2	227.03
Ga.	692.3	69.3	51.6	74.54	Ohio	1,248.8	59.4	88.5	70.89
Hawaii	35.5	21.8	5.9	165.33	Okl.	266.4	51.3	25.5	89.15
Idaho	104.2	57.2	10.3	96.68	Oreg.	253.7	59.7	31.6	124.38
Ill.	761.5	39.3	119.2	156.57	Pa.	1,507.8	73.0	135.9	90.11
Ind.	659.0	62.8	63.6	96.58	R.I.	94.5	59.6	9.0	95.57
Iowa	280.5	48.8	40.8	145.57	S.C.	403.0	68.1	21.7	53.88
Kans.	161.3	36.5	18.0	111.80	S. Dak.	53.2	37.7	9.5	178.53
Ky.	420.0	67.5	42.3	100.76	Tenn.	521.3	63.1	36.6	70.11
La.	548.9	71.5	58.4	106.39	Tex.	734.9	28.8	64.7	88.01
Maine	175.5	77.0	17.3	98.47	Utah	102.8	35.6	9.2	89.62
Md.	515.4	64.9	57.2	110.92	Vt.	73.4	74.9	7.5	102.24
Mass.	715.8	66.8	81.6	114.00	Va.	736.2	72.3	58.4	79.35
Mich.	937.2	47.5	122.7	130.89	Wash.	373.1	51.6	53.9	144.39
Minn.	618.2	74.7	78.1	126.41	W. Va.	284.6	77.7	30.0	105.29
					Wis.	462.7	53.9	60.0	129.72
					Wyo.	30.0	36.5	7.6	254.13

<sup>1</sup>Totals are for States reporting. <sup>2</sup>For handicapped children only; therefore, most data not comparable to those of the States.

Source: U.S. National Center for Education Statistics, *Statistics of State School Systems*, biennial.

### NO. 249. MODE OF TRANSPORTATION, DISTANCE, AND TIME TRAVELED TO SCHOOL: 1978

[As of October. Elementary includes grades 1-8; secondary, grades 9-12]

ITEM	Total en- rolled <sup>1</sup>	ELEMENTARY					SECONDARY				
		Total	Metropolitan areas			Non- metro. areas	Total	Metropolitan areas			Non- metro. areas
			Total	Central cities				Total	Central cities		
				Inside	Outside				Inside	Outside	
Enrollment (1,000) .....	60,719	28,490	18,710	7,479	11,232	9,780	15,475	10,315	4,048	6,267	5,160
Percent distribution:											
Walk .....	23.8	34.4	41.4	53.9	33.0	20.9	20.8	23.6	28.1	20.6	15.3
Car .....	30.2	16.2	16.1	19.0	14.2	16.2	30.0	28.8	28.1	29.3	32.3
School bus .....	32.6	44.5	37.1	20.3	48.3	58.6	37.3	31.8	15.8	42.1	48.3
Time: <sup>2</sup>											
Less than 15 minutes .....	51.1	56.8	61.6	67.6	57.6	47.6	45.2	46.1	44.1	47.4	43.5
15-29 minutes .....	29.7	26.7	26.4	22.3	29.2	27.3	34.4	36.0	35.5	36.3	31.3
30-59 minutes .....	16.4	14.5	10.9	8.8	12.3	21.4	17.3	15.7	17.8	14.4	20.5
Median miles (number) .....	2.6	1.8	1.2	( <sup>3</sup> )	1.8	2.8	3.0	2.8	2.5	2.9	3.9

<sup>1</sup>Includes nursery, kindergarten, vocational schools, and colleges, not shown separately.

<sup>2</sup>For those fully reported.

<sup>3</sup>Less

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 342.



**NO. 250. PUBLIC ELEMENTARY AND SECONDARY SCHOOLS—NUMBER AND AVERAGE SALARY OF CLASSROOM TEACHERS, 1960 TO 1981, AND BY STATES, 1981**

[Estimates for school year ending in June. Schools classified by type of organization rather than by grade-group; elementary includes kindergarten]

YEAR AND STATE	TEACHERS (1,000)			AVG. SALARY (\$1,000)			STATE	TEACHERS (1,000)			AVG. SALARY (\$1,000)		
	Total	Elementary	Secondary	All teachers	Elementary	Secondary		Total	Elementary	Secondary	All teachers	Elementary	Secondary
1960.....	1,355	834	521	5.0	4.8	5.3	Maine.....	10.2	7.0	3.2	13.7	13.2	14.8
1965.....	1,648	940	708	6.2	6.0	6.5	Md.....	41.1	18.6	22.6	19.3	19.2	19.4
1970.....	2,008	1,109	899	8.6	8.4	8.9	Mass.....	65.8	28.5	37.3	18.7	18.5	18.9
1973.....	2,109	1,143	966	10.2	9.9	10.5	Mich.....	80.5	41.9	38.7	21.2	21.0	21.4
1974.....	2,138	1,152	986	10.8	10.5	11.1	Minn.....	43.7	20.6	23.2	18.1	17.4	18.7
							Miss.....	26.3	14.5	11.8	13.0	12.7	13.3
1975.....	2,171	1,169	1,001	11.7	11.3	12.0							
1976.....	2,191	1,170	1,021	12.6	12.3	12.9	Mo.....	48.8	24.8	24.0	15.2	14.9	15.5
1977.....	2,186	1,176	1,011	13.4	13.0	13.8	Mont.....	9.3	5.1	4.2	15.4	14.8	16.1
1978.....	2,196	1,175	1,021	14.2	13.9	14.6	Neb.....	18.0	9.3	8.7	14.9	14.2	15.6
1979.....	2,204	1,189	1,015	15.0	14.7	15.5	Nev.....	7.1	3.6	3.5	17.1	17.0	17.2
1980.....	2,204	1,201	1,003	16.0	15.6	16.4	N.H.....	9.4	5.0	4.4	12.9	12.5	13.4
							N.J.....	76.9	45.3	31.5	18.3	18.0	18.7
1981, U.S.....	2,194	1,192	1,002	17.3	16.9	17.7	N. Mex.....	14.4	7.0	7.3	15.7	15.5	16.0
Ala.....	41.2	22.0	19.3	15.2	14.6	15.8	N.Y.....	169.3	74.0	95.3	20.4	20.3	20.5
Alaska.....	5.2	2.8	2.4	29.1	28.9	29.3	N.C.....	55.3	34.6	20.7	15.9	15.7	16.2
Ariz.....	26.2	18.1	8.1	17.2	17.0	17.7	N. Dak.....	7.1	4.2	2.9	13.9	13.7	14.1
Ark.....	24.1	11.8	12.3	13.3	12.9	13.6	Ohio.....	99.3	54.1	45.2	16.2	15.7	16.8
Calif.....	175.5	104.6	70.9	19.8	19.4	20.5	Okla.....	34.4	18.0	16.4	14.6	14.4	15.0
Colo.....	27.2	13.3	13.9	17.4	16.9	17.9							
Conn.....	33.9	20.4	13.5	17.4	17.3	17.7	Oreg.....	25.1	14.6	10.4	17.5	17.2	18.0
Del.....	5.9	2.6	3.3	17.2	17.0	17.5	Pa.....	109.5	50.4	59.1	17.7	17.4	18.0
D.C.....	5.2	3.1	2.1	22.9	23.0	22.7	R.I.....	9.2	4.6	4.6	19.4	19.3	19.4
Fla.....	78.3	42.0	36.3	15.6	15.8	15.3	S.C.....	31.8	19.6	12.2	14.0	13.6	14.5
Ga.....	56.5	34.3	22.2	15.4	15.2	15.9	S. Dak.....	8.1	5.3	2.8	13.6	13.5	14.0
Hawaii.....	7.9	4.7	3.2	21.6	22.0	20.9	Tenn.....	41.3	25.6	15.8	15.0	14.9	15.1
							Tex.....	163.1	88.2	74.9	15.2	14.8	15.6
Idaho.....	9.9	5.3	4.7	15.1	14.8	15.5							
Ill.....	105.7	70.1	35.7	19.4	18.7	20.7	Utah.....	14.8	8.7	6.1	16.6	16.1	17.4
Ind.....	53.8	26.9	26.8	18.1	17.6	18.5	Vt.....	6.7	3.4	3.3	13.0	12.6	13.5
Iowa.....	32.4	15.4	17.1	16.2	15.5	16.7	Va.....	58.2	34.2	24.0	14.9	14.2	15.8
Kans.....	26.2	14.3	11.9	15.1	15.0	15.1	Wash.....	35.7	20.3	15.4	20.7	20.3	21.2
Ky.....	33.4	21.6	11.8	15.6	15.1	16.5	W. Va.....	22.2	12.5	9.6	14.7	14.3	15.1
La.....	42.7	23.7	19.0	15.0	14.7	15.3	Wis.....	53.9	28.6	25.3	16.7	16.3	17.3
							Wyo.....	6.4	3.3	3.1	18.7	18.1	19.4

Source: National Education Association, Washington, D.C., *Estimates of School Statistics, 1980-81*. (Copyright © 1981 by the National Education Association. All rights reserved.)

**NO. 251. PUBLIC ELEMENTARY AND SECONDARY SCHOOLS—CLASSROOM TEACHERS, BY EXPERIENCE AND DEGREES HELD: 1966 TO 1980**

[As of spring. Based on sample and subject to sampling variability]

EXPERIENCE AND DEGREE	1966		1971		1976		1980		Men	Women
	Elementary	Secondary	Elementary	Secondary	Elementary	Secondary	Elementary	Secondary		
Percent with teaching experience of:										
1-2 years.....	16.2	21.0	15.2	18.5	10.1	12.5	7.6	5.6	3.3	7.4
3-4 years.....	12.2	16.7	16.4	14.7	15.9	15.9	9.5	7.3	7.7	8.7
5-9 years.....	19.8	23.9	21.4	27.7	28.6	29.0	28.5	27.4	24.3	29.6
10-14 years.....	14.1	14.3	14.3	17.2	15.6	19.0	20.1	25.6	24.7	22.4
15-19 years.....	11.0	8.5	10.4	8.9	12.1	12.9	14.0	15.3	15.7	14.1
20 years or more.....	26.7	15.7	22.5	13.7	17.5	10.6	20.2	18.7	24.3	17.8
Median <sup>1</sup> (years).....	10	7	8	7	8	8	11	11	12	10
Percent, highest degree held:										
No degree.....			1.0	.4	.6	.6				
2-year degree.....	12.9	.6	3.6	.7	.1	.4	.4	.6	1.1	.3
Bachelor's degree.....	71.4	67.7	74.5	64.2	69.8	53.8	57.8	47.4	40.1	57.2
Master's degree.....	14.9	29.6	20.3	32.5	27.1	41.2	38.5	46.1	51.2	39.2
Professional degree, 6 years.....	.8	1.9	.6	1.4	2.2	3.3	3.3	4.8	6.4	2.9
Doctor's degree.....	-	.3	-	.8	.1	.7	-	1.2	1.3	.3

- Represents zero or rounds to zero. <sup>1</sup> For definition of median, see Guide to Tabular Presentation.

Source: National Education Association, Washington, D.C., *Status of the American Public School Teacher, 1965-66, 1970-71, and 1975-76*, and *Nationwide Teacher Opinion Poll, 1980*. (Copyright © 1967, 1972, 1977, and 1980 by the National Education Association. All rights reserved.)

# NO. 252. ELEMENTARY AND SECONDARY SCHOOLS—TEACHERS AND PUPIL-TEACHER RATIO, BY TYPE OF CONTROL: 1960 TO 1979, AND PROJECTIONS, 1980 AND 1985

[In thousands, except percent and ratio. As of fall of year. Schools are classified by type of organization, rather than by grade group; elementary includes kindergarten; secondary includes junior high schools. Data for nonpublic schools and, beginning 1975, for classroom teachers in public schools, are estimated, except as indicated]

TEACHERS AND RATIO	1960	1965	1970	1975	1977	1978	1979	1980, proj.	1985, proj.
<b>CLASSROOM TEACHERS</b>									
Total.....	1,600	1,933	2,288	2,444	2,470	2,460	2,437	2,413	2,393
Annual percent change <sup>1</sup> .....	4.5	3.9	3.4	1.3	.5	-.4	-.9	-1.0	-.2
Elementary.....	991	1,112	1,281	1,344	1,359	1,352	1,326	1,324	1,375
Secondary.....	609	822	1,007	1,100	1,111	1,108	1,112	1,089	1,018
Public.....	1,408	1,710	2,055	2,196	2,209	2,199	2,169	2,141	2,108
Elementary.....	858	965	1,128	1,180	1,185	1,178	1,147	1,144	1,175
Secondary.....	550	746	927	1,016	1,024	1,021	1,022	998	933
Nonpublic.....	192	223	233	248	261	261	268	271	285
Elementary.....	133	<sup>2</sup> 147	<sup>2</sup> 153	164	174	174	178	180	200
Secondary.....	59	<sup>2</sup> 76	<sup>2</sup> 80	84	87	87	90	91	85
<b>PUPIL-TEACHER RATIO</b>									
Public: Elementary.....	28.4	27.6	24.4	21.7	21.1	21.3	20.9	20.7	19.6
Secondary.....	21.7	20.8	19.8	18.8	18.2	17.2	17.2	17.1	16.7
Nonpublic: Elementary.....	38.1	33.5	26.5	21.7	20.5	20.4	20.2	19.9	19.1
Secondary.....	18.3	18.1	16.4	16.4	16.4	16.5	16.7	16.4	16.4

<sup>1</sup> Average from prior year shown; for 1960, from 1955. For explanation of average annual percent change, see Guide to Tabular Presentation. <sup>2</sup> Reported data from Office of Education surveys.

Source: U.S. National Center for Education Statistics, *Projections of Education Statistics*, annual; and unpublished data.

# NO. 253. PUBLIC SCHOOL EMPLOYMENT, OCCUPATION, 1974 TO 1978, AND BY SEX AND RACE, 1976 AND 1978

[In thousands. Covers full-time employment. Excludes Hawaii and District of Columbia. Based on sample survey of school districts with 250 or more students; see source for sampling variability]

OCCUPATION	1974, total	1975, total	1976				1978			
			Male	Female	White <sup>1</sup>	Black <sup>1</sup>	Male	Female	White <sup>1</sup>	Black <sup>1</sup>
All occupations.....	3,452	3,590	1,278	2,321	3,010	455	1,154	2,197	2,797	411
Officials, administrators.....	39	43	37	7	41	3	35	8	39	3
Principals and assistant principals.....	107	112	93	17	96	12	84	18	88	11
Classroom teachers <sup>2</sup> .....	1,995	2,047	701	1,345	1,788	208	635	1,244	1,644	181
Elementary schools.....	987	1,005	169	823	853	112	156	747	778	97
Secondary schools.....	885	902	493	415	812	75	442	383	738	67
Other professional staff.....	226	237	78	161	207	25	71	155	194	24
Teachers aides <sup>3</sup> .....	220	240	18	218	161	50	16	231	171	49
Clerical, secretarial staff.....	215	230	5	231	208	18	5	217	193	17
Service workers <sup>4</sup> .....	649	681	346	340	511	139	308	325	467	126

<sup>1</sup> Excludes individuals of Spanish origin. <sup>2</sup> Includes other classroom teachers, not shown separately. <sup>3</sup> Includes technicians. <sup>4</sup> Includes craftworkers and laborers.

Source: U.S. Equal Employment Opportunity Commission, *Employment Opportunity in the Schools*, 1977 and 1978; and unpublished data.

# NO. 254. PUBLIC SCHOOL BONDS—ELECTIONS AND SALES: 1966 TO 1977

[Years ending June 30. Bonds for financing construction of public elementary and secondary school facilities]

ITEM	Unit	1966	1968	1970	1972	1973	1974	1975	1976	1977
Bond issues:										
Proposed.....	Number.....	1,745	1,750	1,216	1,153	1,273	1,386	928	770	859
Approved.....	Number.....	1,265	1,183	647	542	719	779	430	391	477
Par value of bond issues:										
Proposed.....	Mil. dol.....	3,560	3,740	3,285	3,102	3,988	4,137	2,551	2,104	2,400
Approved.....	Mil. dol.....	2,652	2,338	1,627	1,365	2,256	2,193	1,174	970	1,296
Bond sales, all agencies.....	Number.....	1,941	1,722	1,309	1,547	1,336	1,234	1,060	1,093	1,173
Sales, all agencies.....	Mil. dol.....	2,883	2,917	2,813	3,368	2,905	2,959	3,579	3,688	4,611
Average net interest.....	Percent.....	3.67	4.57	6.39	5.01	4.91	5.35	6.27	6.25	5.33

Source: U.S. National Center for Education Statistics, *Bond Sales for Public School Purposes*, annual.

# No. 255. PUBLIC ELEMENTARY AND SECONDARY SCHOOLS—REVENUE AND EXPENDITURES: 1960 TO 1979

[For years ending June 30. See also Appendix III and *Historical Statistics, Colonial Times to 1970*, series H 487-501]

TYPE OF REVENUE AND EXPENDITURE	TOTAL (bil. dol.)								PERCENT				
	1960	1966	1970	1975	1976	1977	1978	1979	1960	1966	1970	1975	1979
<b>Revenue, total</b> .....	<b>14.7</b>	<b>25.4</b>	<b>40.3</b>	<b>64.4</b>	<b>71.2</b>	<b>75.3</b>	<b>81.4</b>	<b>88.1</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Federal sources.....	.7	2.0	3.2	5.8	6.3	6.6	7.7	8.6	4.4	7.9	8.0	9.0	9.8
State sources.....	5.8	9.9	16.1	27.2	31.8	32.7	35.0	40.2	39.1	39.1	39.9	42.2	45.7
Other sources <sup>1</sup> .....	8.3	13.4	21.0	31.4	33.1	36.0	38.7	39.2	56.5	53.0	52.1	48.8	44.5
<b>Expenditures, total</b> .....	<b>15.6</b>	<b>26.2</b>	<b>40.7</b>	<b>64.8</b>	<b>70.6</b>	<b>74.2</b>	<b>80.4</b>	<b>86.7</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Current.....	12.5	21.7	34.9	57.4	62.6	66.9	73.0	79.4	79.8	82.7	85.7	88.5	91.5
Day schools.....	12.3	21.1	34.2	56.7	62.1	66.1	72.4	79.0	79.0	80.2	84.1	87.5	91.1
Administration.....	.5	.9	1.6	2.7	2.8	3.3	3.8	3.9	3.4	3.6	3.9	4.1	4.5
Instruction <sup>2</sup> .....	8.4	14.4	23.3	36.5	39.7	41.9	45.0	48.4	53.5	55.0	57.2	56.3	55.8
Plant operation and maintenance.....	1.5	2.4	3.5	6.1	6.7	7.3	8.1	8.6	9.6	9.1	8.6	9.5	9.9
Fixed charges.....	.9	1.7	3.3	6.3	7.3	8.1	9.3	10.4	5.8	6.5	8.0	9.7	12.0
Other services.....	1.0	1.6	2.6	5.1	5.6	5.5	6.2	7.7	6.6	6.0	6.3	7.9	8.9
Other current <sup>3</sup> .....	.1	.6	.6	.7	.6	.8	.6	.4	.9	2.5	1.6	1.0	.4
Capital outlay.....	\$2.7	3.8	4.7	5.7	6.1	5.3	5.2	5.4	17.0	14.3	11.5	8.8	6.3
Interest.....	.5	.8	1.2	1.7	1.8	2.0	2.1	2.0	3.1	3.0	2.9	2.7	2.3

<sup>1</sup> Intermediate and local. Intermediate sources are administrative units or political subdivisions located between school districts and the State. Includes receipts from gifts and tuition, and transportation fees paid by patrons. <sup>2</sup> Includes salaries of clerical assistants, free textbooks, school library books, and supplies. <sup>3</sup> Comprises current expenditures for summer schools, adult education, community colleges, and community services. <sup>4</sup> Excludes current expenditures for adult education and community colleges. <sup>5</sup> Excludes capital outlay by State and local schoolhousing authority.

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics*, annual, and *Revenues and Expenditures for Public Elementary and Secondary Education*, annual.

## No. 256. FINANCES OF PUBLIC SCHOOL SYSTEMS, BY ENROLLMENT-SIZE GROUP: 1979 AND 1980

[In millions of dollars, except percent. Based on survey of State and local governments. Minus sign (—) denotes decrease. For details, see source. See also Appendix III]

ITEM	1979, all school sys- tems	1980, BY ENROLLMENT-SIZE GROUP				
		All school systems		Over 50,000	25,000 to 50,000	15,000 to 24,999
		Total	Per- cent change <sup>1</sup>			
<b>General revenue<sup>2</sup></b> .....	<b>92,218</b>	<b>101,970</b>	<b>10.6</b>	<b>19,764</b>	<b>9,316</b>	<b>8,159</b>
Intergovernmental.....	48,743	56,279	15.5	11,911	5,561	4,674
From Federal government.....	1,603	1,645	2.6	468	178	135
From States.....	45,907	53,086	15.6	11,037	5,255	4,459
Federal aid distributed by State governments.....	6,531	7,459	14.2	1,961	723	529
From local governments.....	1,234	1,547	25.4	406	128	79
From own sources.....	43,474	45,692	5.1	7,853	3,754	3,486
Taxes.....	28,271	29,212	3.3	3,649	2,313	2,075
Property.....	27,335	28,089	2.8	3,389	2,224	2,014
Contribution from parent government.....	8,755	8,809	.6	3,084	680	728
Charges and miscellaneous.....	6,449	7,670	18.9	1,121	761	683
<b>General expenditure<sup>2</sup></b> .....	<b>90,572</b>	<b>100,532</b>	<b>11.0</b>	<b>19,086</b>	<b>9,264</b>	<b>8,186</b>
Intergovernmental.....	458	470	2.6	87	7	6
Direct.....	90,114	100,063	11.0	18,999	9,257	8,180
Current operation.....	81,683	90,589	10.9	17,641	8,350	7,281
Salaries and wages.....	56,587	61,944	9.5	12,587	5,863	5,103
Capital outlay.....	6,546	7,517	14.8	1,026	729	719
Construction.....	4,538	5,226	15.2	740	548	518
Interest on debt.....	1,885	1,957	3.8	332	179	180
Direct expenditure by level of instruction:						
Elementary and secondary.....	82,827	92,113	11.2	17,718	8,302	7,060
Higher education.....	5,401	5,993	11.0	949	777	940
<b>Debt outstanding</b> .....	<b>36,486</b>	<b>36,685</b>	<b>.5</b>	<b>5,659</b>	<b>3,502</b>	<b>3,398</b>
Long-term.....	35,026	35,405	1.1	5,461	3,363	3,321
Short-term.....	1,461	1,280	-14.1	198	140	77
Long-term debt issued.....	3,252	2,961	-9.8	276	163	245
Long-term debt retired.....	2,886	2,997	3.8	602	248	243
Cash, security holdings, fiscal yearend, excl. employee-retirement.....	15,815	16,733	5.8	2,035	1,580	1,662

<sup>1</sup> Change from 1979. <sup>2</sup> Excludes interschool system transactions.

Source: U.S. Bureau of the Census, *Finances of Public Systems in 1979-1980*, series GF 80 No. 10, annual.

## No. 257. PUBLIC SCHOOL EXPENDITURES, BY STATE: 1975 TO 1980

[School data for years ending June 30]

STATE	Total expenditures, 1975 (mil. dol.)	Total expenditures, 1978 <sup>1</sup> (mil. dol.)	Total expenditures, 1979 <sup>1</sup> (mil. dol.)	EXPENDITURES, 1980 <sup>1</sup>					PER CAPITA SCHOOL EXPENDITURES (dol.) <sup>4</sup>			
				Total <sup>2</sup> (mil. dol.)	Current expenditures		Capital outlay (mil. dol.)	1975	1978 <sup>1</sup>	1979 <sup>1</sup>	1980 <sup>1</sup>	
					Elem. and secondary day schools (mil. dol.)	Average per pupil in ADA <sup>3</sup>						
						Amount (dol.)	Rank					
U.S. <sup>5</sup>	64,846	80,844	86,712	90,177	80,342	2,094	(x)	6,173	\$304	\$368	\$390	\$402
Ala.....	753	1,053	1,219	1,180	1,061	1,472	43	103	208	278	318	305
Alaska.....	220	339	369	386	358	4,592	1	12	640	856	920	960
Ariz.....	714	924	981	958	771	(NA)	(NA)	157	321	381	390	363
Ark.....	448	584	639	784	569	1,343	46	102	213	265	285	346
Calif.....	6,921	8,959	9,006	9,548	8,770	2,173	19	441	327	401	394	411
Colo.....	756	1,183	1,287	1,384	1,208	2,409	12	97	298	439	465	486
Conn.....	988	1,143	1,209	1,346	1,223	2,403	13	97	321	370	391	434
Del.....	209	247	259	262	241	2,568	5	7	358	415	433	437
D.C.....	238	284	286	279	277	3,099	(x)	(z)	330	416	427	425
Fla.....	2,180	2,471	2,625	3,207	3,028	(NA)	(NA)	109	262	278	287	339
Ga.....	1,223	1,503	1,667	1,694	1,511	1,531	42	159	245	288	315	314
Hawaii.....	256	342	351	269	259	1,694	37	8	295	373	378	282
Idaho.....	224	298	330	328	293	1,535	41	28	277	337	362	352
Ill.....	3,635	4,120	4,414	4,316	3,815	2,041	21	227	322	361	386	378
Ind.....	1,414	1,724	1,899	1,905	1,639	1,724	36	124	264	319	349	348
Iowa.....	824	1,100	1,209	1,345	1,244	2,430	10	81	287	377	414	461
Kans.....	609	721	844	973	899	2,371	15	52	269	311	362	415
Ky.....	649	890	1,040	906	815	1,315	47	56	190	249	288	249
La.....	963	1,240	1,317	1,450	1,330	1,797	34	90	252	309	323	350
Maine.....	272	345	376	434	395	1,859	6 28	16	257	312	337	386
Md.....	1,506	1,745	1,827	1,701	1,544	2,248	17	111	364	416	434	403
Mass.....	1,968	2,463	2,558	2,608	2,457	2,607	4	63	341	429	445	454
Mich.....	3,333	4,211	4,754	4,232	3,715	2,170	20	304	366	460	517	458
Minn.....	1,494	1,773	1,879	1,840	1,608	2,208	18	137	383	445	469	456
Miss.....	458	658	745	701	643	1,419	44	50	193	267	299	280
Mo.....	1,146	1,383	1,502	1,539	1,408	1,810	31	79	239	285	308	315
Mont.....	243	344	331	407	352	2,421	11	42	330	446	422	516
Nebr.....	404	558	613	551	521	1,929	26	15	263	359	393	352
Nev.....	182	257	284	331	283	2,018	22	34	305	379	395	433
N.H.....	228	268	294	324	298	1,811	30	19	279	307	329	355
N.J.....	2,660	3,124	3,383	3,356	3,100	2,616	3	36	363	425	460	455
N. Mex.....	346	444	502	633	507	1,937	25	117	306	362	401	494
N.Y.....	7,397	8,218	8,496	9,068	8,305	3,197	2	350	409	460	479	514
N.C.....	1,343	1,653	1,855	2,210	1,925	1,801	32	120	246	292	323	381
N. Dak.....	161	214	233	248	227	2,007	23	18	254	330	358	380
Ohio.....	2,942	3,434	3,670	3,839	3,548	1,918	27	150	273	319	340	355
Okla.....	647	910	1,068	1,103	980	1,798	33	100	237	318	367	371
Oreg.....	768	1,024	1,054	1,163	1,033	2,459	7	105	337	420	420	451
Pa.....	3,770	4,517	4,752	5,289	4,632	2,567	6	209	318	380	401	445
R.I.....	260	324	356	332	324	2,336	16	(NA)	273	339	372	347
S.C.....	689	882	977	937	815	1,354	45	93	242	295	321	304
S. Dak.....	177	203	221	280	247	1,943	24	29	260	295	321	406
Tenn.....	958	1,225	1,347	1,201	1,056	1,306	48	123	228	278	302	265
Tex.....	3,219	5,057	5,374	5,256	4,360	1,680	38	876	262	383	398	378
Utah.....	362	514	615	665	503	1,609	39	130	302	391	451	470
Vt.....	148	173	192	178	167	1,772	35	8	313	352	386	352
Va.....	1,413	1,682	1,825	2,018	1,766	1,859	6 28	165	284	323	345	379
Wash.....	1,120	1,535	1,842	2,272	1,665	2,373	14	531	316	407	474	566
W. Va.....	448	592	677	630	577	1,590	40	25	247	311	353	325
Wis.....	1,410	1,776	1,917	2,035	1,853	2,433	6 8	121	311	385	414	436
Wyo.....	147	211	242	273	217	2,433	6 8	47	403	512	561	604

NA Not available. X Not applicable. Z Less than \$500,000. <sup>1</sup> Estimated. <sup>2</sup> Includes interest on school debt and expenditures for summer schools, adult education, community services, and community colleges and technical institutes under the jurisdiction of local boards of education, not shown separately. <sup>3</sup> Average daily attendance. <sup>4</sup> Based on revised estimated resident population as of July 1, 1974, July 1, 1977, July 1, 1978, and July 1, 1979, from U.S. Bureau of the Census, unpublished data. <sup>5</sup> Total includes estimates for nonreporting States. <sup>6</sup> In order to have the lowest rank equal to the number of States presented, the numbers 9 and 29 are omitted. Wis. and Wyo. share the same rank of 8, and Maine and Va. share the same rank of 28.

Source: U.S. National Center for Education Statistics, *Revenues and Expenditures for Public Elementary and Secondary Education*, annual, and *Statistics of Public Elementary and Secondary Day Schools*, annual.

**NO. 258. PUBLIC ELEMENTARY AND SECONDARY SCHOOLS—SUMMARY FOR SELECTED CITIES: 1975  
TO 1980**

CITY	ENROLLMENT <sup>1</sup> (1,000)			TOTAL EXPENDITURES <sup>2</sup> (mil. dol.)			CURRENT EXPENDITURE PER PUPIL IN ADA <sup>3</sup> (dol.)			AVG. SALARY, CLASSROOM TEACHERS (\$1,000)		
	1975	1979	1980	1975	1979	1980	1975	1979	1980	1975	1979	1980
Baltimore, Md.....	173	146	136	252	276	251	\$1,444	\$1,952	\$1,993	11.1	15.0	14.8
Boston, Mass.....	87	71	69	172	255	262	1,784	3,645	4,111	13.0	*17.6	20.0
Chicago, Ill.....	537	470	477	1,088	*1,285	1,327	1,870	*2,594	2,687	16.0	*17.5	21.6
Cleveland, Ohio.....	135	105	92	211	243	232	1,520	2,720	2,830	12.7	16.4	16.5
Dallas, Tex.....	151	132	130	152	265	267	1,035	1,795	1,927	10.6	14.9	15.9
Detroit, Mich.....	263	230	211	324	482	531	1,269	2,106	2,420	14.0	19.1	21.1
Houston, Tex.....	211	202	194	192	372	405	881	1,567	1,816	9.0	14.4	15.5
Indianapolis, Ind.....	88	74	70	95	138	135	1,099	2,009	2,231	10.9	15.0	15.7
Los Angeles, Calif.....	607	550	(NA)	845	1,495	1,482	1,191	*2,216	2,322	15.0	*17.8	20.6
Memphis, Tenn.....	116	115	114	139	154	185	1,149	1,316	1,662	10.8	10.1	14.4
Milwaukee, Wis.....	119	96	92	230	*227	288	*1,748	*2,352	3,940	14.3	*17.2	22.5
New Orleans, La.....	96	89	87	108	144	149	1,116	1,802	1,931	10.1	13.8	13.7
New York, N.Y.....	1,095	999	963	2,510	2,639	2,972	2,351	3,021	3,485	*16.4	*19.8	21.4
Philadelphia, Pa.....	266	244	232	519	586	638	1,859	2,528	2,920	14.6	19.5	22.5
Phoenix, Ariz.....	173	175	170	231	265	331	1,087	*1,226	(NA)	10.8	*14.2	16.2
St. Louis, Mo.....	91	73	69	99	149	163	1,230	2,159	2,706	11.7	14.3	14.6
San Antonio, Tex.....	69	63	62	66	90	99	858	1,457	1,831	9.6	14.3	15.5
San Diego, Calif.....	123	114	(NA)	145	280	303	1,066	2,163	2,407	14.8	18.0	20.2
San Francisco, Calif.....	72	55	(NA)	148	151	161	1,829	2,305	2,615	15.3	19.6	20.4
Washington, D.C.....	132	114	106	241	308	279	1,814	2,947	3,096	14.0	19.6	22.2

NA Not available. <sup>1</sup> As of fall of preceding year. Includes nursery schools and kindergartens operated as part of the regular public school system. <sup>2</sup> Estimated. <sup>3</sup> ADA = Average daily attendance. <sup>4</sup> School year 1977-1978. <sup>5</sup> School year 1976-77. <sup>6</sup> Expenditures for summer school are included. <sup>7</sup> Includes fringe benefit payments. <sup>8</sup> Salary data reported as median salary.

Source: U.S. National Center for Education Statistics, *Statistics of Public Elementary and Secondary Day Schools*, annual.

**NO. 259. SCHOOL RETENTION RATES—FIFTH GRADE THROUGH COLLEGE ENTRANCE: 1942-1950 TO  
1971-1979**

[Prior to 1962, excludes Alaska and Hawaii. Rates for the 5th grade through high school graduation are based on enrollments in successive grades in successive years in public elementary and secondary schools, and are adjusted to include estimates for nonpublic schools. See also *Historical Statistics, Colonial Times to 1970*, series H 587-597]

YEAR OF ENTRANCE INTO 5TH GRADE	RETENTION PER 1,000 PUPILS WHO ENTERED 5TH GRADE								High school gradu- ates	Year of high school gradu- ation	First- time college stu- dents <sup>1</sup>
	5th grade	6th grade	7th grade	8th grade	9th grade	10th grade	11th grade	12th grade			
1942.....	1,000	954	909	847	807	713	604	539	505	1950	205
1944.....	1,000	952	929	858	848	748	650	549	522	1952	234
1946.....	1,000	954	945	919	872	775	641	583	553	1954	283
1948.....	1,000	984	956	929	883	795	706	619	581	1956	301
1950.....	1,000	981	968	921	886	809	709	632	582	1958	308
1952.....	1,000	974	965	936	904	835	746	667	621	1960	328
1954.....	1,000	980	979	948	915	855	759	684	642	1962	343
1956.....	1,000	985	984	948	930	871	790	728	676	1964	362
1958.....	1,000	983	979	961	946	908	842	761	732	1966	384
1960.....	1,000	980	973	967	952	913	858	787	749	1968	452
1962.....	1,000	987	977	967	959	928	860	790	750	1970	461
1964.....	1,000	988	985	976	975	942	865	791	748	1972	433
1965.....	1,000	996	983	980	980	947	874	786	749	1973	433
1966.....	1,000	989	986	985	985	959	871	783	744	1974	448
1967.....	1,000	992	988	984	984	956	870	775	743	1975	452
1968.....	1,000	992	992	991	983	958	869	786	749	1976	435
1969.....	1,000	990	986	986	984	959	876	789	744	1977	(NA)
1970.....	1,000	990	990	988	982	965	881	797	744	1978	440
1971.....	1,000	991	989	989	985	976	874	794	743	1979	451

NA Not available. <sup>1</sup> Degree credit only.

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics*, annual.

## NO. 260. PUBLIC AND PRIVATE HIGH SCHOOL GRADUATES—STATES: 1975 AND 1979

[In thousands. Excludes graduates of subcollegiate departments of higher education, Federal schools for Indians, Federal schools on Federal installations, and residential schools for exceptional children. See Appendix III]

STATE	PUBLIC		PRIVATE (est.)		STATE OR OTHER AREA	PUBLIC		PRIVATE (est.)	
	1975	1979	1975	1979		1975	1979	1975	1979
U.S. <sup>1</sup> .....	2,823.0	2,817.2	310.0	310.0					
Alabama.....	46.6	47.1	3.4	4.1	Missouri.....	62.4	64.2	9.0	7.8
Alaska.....	4.2	5.0	.1	.3	Montana.....	12.3	12.1	1.2	.6
Arizona.....	25.7	30.1	1.8	1.6	Nebraska.....	22.2	23.1	2.7	2.5
Arkansas.....	26.8	28.3	.8	1.2	Nevada.....	7.2	8.3	.3	.4
California.....	<sup>2</sup> 273.4	<sup>2</sup> 266.8	21.9	23.8	New Hampshire.....	11.1	11.9	1.9	2.5
Colorado.....	35.0	37.2	1.9	2.2	New Jersey.....	96.0	97.6	16.9	15.2
Connecticut.....	42.8	38.4	7.3	8.7	New Mexico.....	18.4	18.8	.8	1.0
Delaware.....	8.2	8.1	1.3	1.4	New York.....	<sup>3</sup> 211.3	208.3	42.8	36.4
District of Columbia.....	5.4	5.8	1.4	1.6	North Carolina.....	70.1	72.5	2.1	2.9
Florida.....	86.5	87.6	6.4	10.4	North Dakota.....	10.7	10.4	.7	.8
Georgia.....	59.8	62.2	2.4	5.0	Ohio.....	158.2	150.7	18.7	17.1
Hawaii.....	11.3	11.6	2.3	2.5	Oklahoma.....	37.8	39.2	.9	1.0
Idaho.....	12.6	13.4	.2	.3	Oregon.....	30.7	30.2	1.5	1.5
Illinois.....	<sup>2</sup> 141.3	139.2	25.5	23.7	Pennsylvania.....	163.1	155.4	30.8	29.8
Indiana.....	74.0	75.2	5.4	5.2	Rhode Island.....	11.0	11.2	2.0	1.8
Iowa.....	43.0	44.5	4.5	4.8	South Carolina.....	<sup>3</sup> 38.3	38.1	2.4	2.9
Kansas.....	32.5	32.1	2.0	2.0	South Dakota.....	11.7	11.1	.7	.7
Kentucky.....	42.4	41.4	4.0	4.0	Tennessee.....	49.4	47.4	3.0	5.1
Louisiana.....	47.7	46.9	9.2	8.9	Texas.....	159.5	168.5	4.6	6.7
Maine.....	14.8	15.4	1.8	1.9	Utah.....	19.7	20.0	.3	.5
Maryland.....	55.4	55.1	6.9	7.1	Vermont.....	6.5	6.7	1.4	1.2
Massachusetts.....	<sup>2</sup> 79.0	76.1	15.0	13.3	Virginia.....	65.6	67.0	4.4	4.5
Michigan.....	135.5	130.6	15.9	14.1	Washington.....	51.0	51.1	2.7	2.8
Minnesota.....	66.5	66.1	4.8	4.8	West Virginia.....	24.6	23.6	.8	.9
Mississippi.....	27.2	28.2	3.6	3.6	Wisconsin.....	71.0	71.3	7.5	7.0
					Wyoming.....	5.6	6.0	.1	.1

<sup>1</sup> Includes estimates for nonreporting States. <sup>2</sup> Estimated. <sup>3</sup> Includes pupils graduating during summer of 1975.

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics*, annual.

## NO. 261. SCHOLASTIC APTITUDE TEST (SAT) SCORES AND CHARACTERISTICS OF COLLEGE BOUND SENIORS: 1967 TO 1980

TYPE OF TEST AND CHARACTERISTIC	Unit	1967	1970	1972	1973	1974	1975	1976	1977	1978	1979	1980
TEST SCORES <sup>1</sup>												
Verbal, total <sup>2</sup> .....	Point.....	466	460	453	445	444	434	431	429	429	427	424
Male.....	Point.....	463	459	454	446	447	437	433	431	433	431	428
Female.....	Point.....	468	461	452	443	442	431	430	427	425	423	420
Math, total <sup>2</sup> .....	Point.....	492	488	484	481	480	472	472	470	468	467	466
Male.....	Point.....	514	509	505	502	501	495	497	497	494	493	491
Female.....	Point.....	467	465	461	460	459	449	446	445	444	443	443
PARTICIPANTS												
Sex:												
Male.....	Percent.....	(NA)	(NA)	52.7	51.0	50.1	49.9	49.5	48.9	48.4	48.3	48.2
Female.....	Percent.....	(NA)	(NA)	47.3	49.0	49.9	50.1	50.5	51.1	51.6	51.7	51.8
Obtaining scores <sup>1</sup> of—												
600 or above:												
Verbal.....	Percent.....	(NA)	(NA)	11.4	9.7	10.0	7.9	8.0	8.0	7.9	7.7	7.2
Math.....	Percent.....	(NA)	(NA)	17.9	16.7	17.2	15.6	16.3	16.1	15.8	15.0	15.1
400 or below:												
Verbal.....	Percent.....	(NA)	(NA)	32.5	34.8	35.4	37.8	39.7	39.1	39.8	40.7	41.8
Math.....	Percent.....	(NA)	(NA)	23.9	24.3	25.5	28.5	29.1	29.7	29.8	29.9	30.2
Selected intended area of study:												
Business and commerce.....	Percent.....	(NA)	(NA)	(NA)	10	10	11.5	12.6	14.3	16.3	17.8	18.6
Health and medical.....	Percent.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	17.9	17.6	16.4	15.5	14.7
Engineering.....	Percent.....	(NA)	(NA)	(NA)	6	5	8.7	8.4	8.8	9.4	10.1	11.1
Social science.....	Percent.....	(NA)	(NA)	(NA)	(NA)	(NA)	7.7	6.8	8.2	9.0	8.2	7.8
Education.....	Percent.....	(NA)	(NA)	(NA)	10	8	9.1	8.7	8.1	7.2	6.5	6.1
SAT average <sup>1</sup> by high school rank:												
Top tenth.....	Point.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	552	546	543	541	539
Second tenth.....	Point.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	478	476	472	471	470
Second fifth.....	Point.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	434	434	433	432	431
Third fifth.....	Point.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	386	387	386	386	386

NA. Not available. <sup>1</sup> Minimum score, 200; maximum score, 800. <sup>2</sup> 1967 and 1971 are estimates based on total number of persons taking SAT.

Source: College Entrance Examination Board, New York, N.Y., *National Report on College-Bound Seniors*, annual. (Copyright.)

**NO. 262. HIGH SCHOOL GRADUATES NOT ENROLLED IN COLLEGE AND SCHOOL DROPOUTS—  
EMPLOYMENT STATUS, BY SEX AND RACE: 1965 TO 1980**

[In thousands of persons 16 to 21 years old, except percent. As of October. High school graduates: Persons not enrolled in college and includes those who attended college prior to survey date; Dropouts: Persons not in regular school and not high school graduates. Based on samples and subject to sampling variability]

EMPLOYMENT STATUS, SEX, AND RACE	GRADUATES					DROPOUTS				
	1965	1970	1975 <sup>1</sup>	1979 <sup>1</sup>	1980 <sup>1</sup>	1965	1970	1975 <sup>1</sup>	1979 <sup>1</sup>	1980 <sup>1</sup>
<b>Civilian population <sup>2</sup></b> .....	<b>4,898</b>	<b>5,823</b>	<b>7,179</b>	<b>7,608</b>	<b>7,565</b>	<b>2,986</b>	<b>2,757</b>	<b>3,271</b>	<b>3,442</b>	<b>3,288</b>
In labor force.....	3,769	4,566	5,944	6,551	6,524	1,863	1,611	1,996	2,260	2,185
Percent of population.....	76.9	78.4	82.8	86.1	86.2	62.4	58.4	61.0	65.7	66.4
Employed.....	3,451	4,038	5,055	5,847	5,699	1,585	1,264	1,426	1,787	1,591
Percent of labor force.....	91.6	88.4	85.0	89.3	87.4	85.1	78.5	71.4	79.1	72.8
Male.....	1,512	1,730	2,542	2,939	2,774	1,105	805	952	1,212	1,044
Female.....	1,939	2,308	2,513	2,908	2,925	480	459	474	575	547
White.....	3,116	3,636	4,616	5,285	5,141	1,266	1,011	1,200	1,545	1,396
Black and other.....	335	402	441	<sup>a</sup> 489	<sup>a</sup> 489	319	253	227	<sup>a</sup> 205	<sup>a</sup> 169
Unemployed.....	318	528	889	704	825	278	347	570	473	594
Percent of labor force.....	8.4	11.6	15.0	10.7	12.6	14.9	21.5	28.6	20.9	27.2
Male.....	105	236	446	286	457	160	219	330	254	359
Female.....	213	292	443	418	368	118	128	240	219	235
White.....	259	429	712	542	618	203	232	414	348	425
Black and other.....	59	99	178	<sup>a</sup> 151	<sup>a</sup> 194	75	115	157	<sup>a</sup> 114	<sup>a</sup> 144
Not in labor force.....	1,129	1,257	1,235	1,057	1,041	1,123	1,146	1,276	1,182	1,103

<sup>1</sup> Not strictly comparable with 1965 and 1970 data. <sup>2</sup> Noninstitutional. <sup>3</sup> Data are for Black only.

Source: U.S. Bureau of Labor Statistics, *Special Labor Force Report*, Nos. 66, 131, 191, 241; and forthcoming report.

**NO. 263. HIGH SCHOOL DROPOUTS 14 TO 24 YEARS OLD, BY RACE AND AGE: 1968 TO 1980**

[As of October. See headnote, table 262. Total dropouts include races not shown separately]

RACE AND AGE	NUMBER OF DROPOUTS (1,000)						PERCENT OF POPULATION					
	1968	1970	1975	1978	1979	1980	1968	1970	1975	1978	1979	1980
<b>Total dropouts.....</b>	<b>4,650</b>	<b>4,670</b>	<b>4,974</b>	<b>5,240</b>	<b>5,408</b>	<b>5,212</b>	<b>13.1</b>	<b>12.2</b>	<b>11.5</b>	<b>11.9</b>	<b>12.3</b>	<b>12.0</b>
14-17 years.....	721	762	864	852	848	836	4.8	4.8	5.2	5.2	5.3	5.4
18-21 years.....	2,163	2,138	2,557	2,852	2,738	2,578	17.1	16.4	16.3	16.3	16.8	15.8
22-24 years.....	1,766	1,770	1,553	1,736	1,822	1,798	22.3	18.7	14.5	15.2	15.6	15.2
<b>White.....</b>	<b>3,685</b>	<b>3,577</b>	<b>3,861</b>	<b>4,210</b>	<b>4,280</b>	<b>4,169</b>	<b>11.9</b>	<b>10.8</b>	<b>10.5</b>	<b>11.3</b>	<b>11.5</b>	<b>11.3</b>
14-17 years.....	578	603	712	746	709	721	4.5	4.5	5.0	5.4	5.3	5.6
18-21 years.....	1,711	1,618	1,980	2,095	2,149	2,032	15.6	14.3	14.7	15.1	15.5	14.7
22-24 years.....	1,396	1,356	1,169	1,365	1,422	1,416	20.1	16.3	12.6	14.0	14.2	14.0
<b>Black.....</b>	<b>932</b>	<b>1,047</b>	<b>1,024</b>	<b>953</b>	<b>1,016</b>	<b>934</b>	<b>22.2</b>	<b>18.6</b>	<b>16.5</b>	<b>17.5</b>	<b>16.0</b>	<b>16.0</b>
14-17 years.....	193	150	147	103	121	102	7.0	7.4	6.3	4.4	4.5	4.5
18-21 years.....	437	500	540	514	534	486	28.6	30.5	27.0	24.7	25.5	23.0
22-24 years.....	362	397	337	336	361	346	40.5	37.8	27.8	24.5	25.5	24.0

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 362 and earlier reports; and unpublished data.

**NO. 264. HIGH SCHOOL AND COLLEGE GRADUATES, BY SEX, AND BY CONTROL: 1950 TO 1979**

[In thousands, except percent. Prior to 1960, excludes Alaska and Hawaii. See also table 283; Appendix III; and *Historical Statistics, Colonial Times to 1970*, series H 598-601 and H 752-756]

YEAR OF GRADUATION	HIGH SCHOOL GRADUATES						COLLEGE GRADUATES <sup>2</sup>					
	Total		Sex		Control		Bachelor's degrees <sup>3</sup>				Master's and doctor's degrees <sup>4</sup>	
	Number	Percent of persons 18 years old <sup>1</sup>	Male	Fe-male	Public	Pri-vate, est.	Total	Per 100 high school graduates 4 yrs. earlier	Male	Fe-male		
1950.....	1,200	56.0	571	629	(NA)	(NA)	432	40	329	103	65	
1955.....	1,351	64.6	648	703	1,208	143	286	24	183	103	67	
1960.....	1,864	72.4	898	966	1,633	231	392	28	254	138	84	
1965.....	2,665	70.8	1,314	1,351	2,366	298	501	25	289	213	162	
1970.....	2,896	77.1	1,433	1,463	2,596	300	792	30	450	341	274	
1974.....	3,081	75.6	1,515	1,566	2,771	310	946	33	527	418	365	
1975.....	3,140	74.3	1,545	1,595	2,830	310	923	31	505	418	382	
1976.....	3,154	74.5	1,554	1,600	2,844	310	926	31	504	421	408	
1977.....	3,154	74.7	1,548	1,606	2,844	310	920	30	496	424	415	
1978.....	3,147	74.6	1,541	1,606	2,832	315	921	30	487	434	410	
1979.....	3,134	73.3	1,531	1,602	2,824	310	921	29	477	444	334	

NA Not available. <sup>1</sup> Based on estimated resident population as of July 1. <sup>2</sup> Data cover public and private institutions.

<sup>3</sup> Through 1960, bachelor's or first professional degree; thereafter, bachelor's degree only. <sup>4</sup> Beginning 1965, includes first professional degrees.

Source: U.S. National Center for Education Statistics, *Earned Degrees Conferred*, annual; *Digest of Education Statistics*, annual; and *Projections of Education Statistics*, annual.

**NO. 265. COLLEGE ENROLLMENT OF PERSONS 18-24 YEARS OLD, AND PERCENT OF HIGH SCHOOL GRADUATES, BY SEX AND RACE: 1960 TO 1980**

(In thousands, except percent. Except as noted, as of October. Covers civilian noninstitutional population)

YEAR	ALL PERSONS			MALE			FEMALE		
	Total <sup>1</sup>	White	Black	Total <sup>1</sup>	White	Black	Total <sup>1</sup>	White	Black
College enrollment:									
1960 <sup>2</sup>	2,215	2,081	<sup>3</sup> 134	1,334	1,269	<sup>3</sup> 65	880	811	<sup>3</sup> 69
1970	5,805	5,305	416	3,331	3,096	192	2,474	2,209	225
1975	6,935	6,116	665	3,693	3,326	294	3,243	2,790	372
1980	7,226	6,334	688	3,604	3,224	278	3,625	3,110	410
Percent of high school graduates enrolled:									
1960 <sup>2</sup>	23.7	24.2	<sup>3</sup> 18.4	30.3	31.1	<sup>3</sup> 20.8	17.8	17.9	<sup>3</sup> 16.5
1970	32.7	33.2	26.0	41.2	42.3	28.7	25.6	25.6	24.1
1975	32.5	32.4	32.0	36.2	36.4	32.8	29.2	28.6	31.5
1980	31.8	32.0	27.8	33.5	34.0	26.4	30.3	30.2	28.8

<sup>1</sup> Includes other races, not shown separately. <sup>2</sup> As of April. <sup>3</sup> Includes Black and other races.

Source: U.S. Bureau of the Census, *U.S. Census of Population: 1960*, vol. 1, *Characteristics of the Population*, part 1; *Current Population Reports*, series P-20, Nos. 222, 303, and unpublished data.

**NO. 266. HIGHER EDUCATION—SUMMARY: 1960 TO 1979**

(Institutions and enrollment as of fall. Finances for fiscal year ending in the following year. Covers universities, colleges, professional schools, junior and teachers colleges, and normal schools, both publicly and privately controlled, regular session. Includes estimates for institutions not reporting. Except as noted, 2-year branch campuses are not counted separately and are included with 4-year institutions. See also Appendix III and *Historical Statistics, Colonial Times to 1970*, series H 680, H 699-705, and H 710]

ITEM	UNIT	1960	1965	1970	1974	1975	1976	1977	1978	1979
<b>Institutions</b>	<b>Number</b>	<b>1,968</b>	<b>2,230</b>	<b>2,556</b>	<b>2,747</b>	<b>2,765</b>	<b>2,785</b>	<b>2,826</b>	<b>2,871</b>	(NA)
4-year	Number	1,447	1,551	1,665	1,744	1,767	1,783	1,808	1,816	(NA)
2-year	Number	521	679	891	1,003	998	1,002	1,018	1,055	(NA)
Branch campuses	Number	(NA)	(NA)	279	265	261	261	269	263	(NA)
<b>Resident staff</b>	<b>1,000</b>	<b>276</b>	<b>412</b>	<b>573</b>	<b>695</b>	<b>781</b>	<b>793</b>	<b>812</b>	<b>809</b>	<b>822</b>
Instructor or above	1,000	236	340	474	567	628	633	650	647	659
Percent full-time	Percent	65.3	72.9	77.8	71.6	70.1	68.6	68.8	68.8	68.4
<b>Total enrollment</b>	<b>1,000</b>	<b>3,789</b>	<b>5,921</b>	<b>8,581</b>	<b>10,224</b>	<b>11,185</b>	<b>11,012</b>	<b>11,286</b>	<b>11,260</b>	<b>11,570</b>
Degree credit	1,000	3,583	5,526	7,920	9,023	9,731	(NA)	(NA)	(NA)	(NA)
Male	1,000	2,257	3,375	4,637	4,969	5,321	5,811	5,789	5,641	5,583
Female	1,000	1,326	2,152	3,284	4,055	4,410	5,201	5,497	5,619	5,887
4-year institutions	1,000	3,131	4,685	6,290	6,825	7,223	<sup>12</sup> 7,129	<sup>12</sup> 7,243	<sup>12</sup> 7,232	<sup>12</sup> 7,353
2-year institutions	1,000	451	841	1,630	2,198	2,508	<sup>12</sup> 3,883	<sup>12</sup> 4,043	<sup>12</sup> 4,028	<sup>12</sup> 4,217
Full-time	1,000	2,466	3,910	5,489	5,817	6,147	6,717	6,793	6,668	6,794
Part-time	1,000	1,117	1,616	2,431	3,206	3,584	4,295	4,493	4,592	4,776
Public	1,000	2,116	3,624	5,800	6,838	7,426	8,653	8,847	8,786	9,037
Private	1,000	1,467	1,902	2,120	2,185	2,306	2,359	2,439	2,474	2,533
Graduate	1,000	<sup>3</sup> 565	697	1,031	1,190	1,263	1,085	1,085	1,081	1,070
Undergraduate <sup>4</sup>	1,000	3,227	4,829	6,889	7,833	8,468	9,927	<sup>12</sup> 10,201	<sup>12</sup> 10,179	<sup>12</sup> 10,500
Male	1,000	2,004	2,910	4,005	4,306	4,621	5,209	5,193	5,057	5,116
Female	1,000	1,223	1,919	2,884	3,527	3,847	4,719	5,008	5,122	5,384
1st time enrolled	1,000	923	1,442	1,780	1,854	1,910	2,347	2,394	2,390	2,503
4-year institutions	1,000	2,776	3,988	5,259	5,635	5,960	6,045	6,158	6,152	6,285
Full-time	1,000	2,077	3,159	4,234	4,429	4,619	4,622	4,703	4,678	4,768
Part-time	1,000	699	829	1,025	1,206	1,341	1,423	1,456	1,474	1,517
2-year institutions	1,000	451	841	1,630	2,198	2,508	<sup>12</sup> 3,883	<sup>12</sup> 4,043	<sup>12</sup> 4,028	<sup>12</sup> 4,215
Public	1,000	1,929	3,184	5,076	5,986	6,520	7,924	8,128	8,083	8,337
Private	1,000	1,298	1,645	1,813	1,847	1,948	2,003	2,073	2,096	2,163
Nondegree credit	1,000	206	395	661	1,200	1,453	(NA)	(NA)	(NA)	(NA)
<b>Current funds revenues</b>	<b>Mil. dol.</b>	<b>12,734</b>	<b>23,879</b>	<b>35,687</b>	<b>39,703</b>	<b>43,437</b>	<b>47,034</b>	<b>51,838</b>		
Educational and general <sup>5</sup>	Mil. dol.	10,285	18,392	(X)	(X)	(X)	(X)	(X)	(X)	
Tuition and fees	Mil. dol.	2,670	5,021	7,233	8,172	9,025	9,855	10,704		
Federal government	Mil. dol.	2,654	2,739	4,991	5,414	5,730	6,113	6,844		
State government	Mil. dol.	2,984	6,589	10,857	12,261	13,286	14,746	16,364		
Auxiliary enterprises	Mil. dol.	2,139	3,125	4,080	4,548	4,920	5,328	5,741		
Other funds revenues <sup>6</sup>	Mil. dol.	(NA)	(NA)	1,653	4,083	4,442	5,201	5,212	6,100	
Plant funds <sup>7</sup>	Mil. dol.	(NA)	3,484	(NA)	3,311	3,910	3,417	3,293	3,676	(NA)
Increase in fund balance <sup>8</sup>	Mil. dol.	663	498	486	959	1,117	1,032	1,373		
<b>Current expenditures <sup>9</sup></b>	<b>Mil. dol.</b>	<b>12,509</b>	<b>23,375</b>	<b>35,058</b>	<b>38,903</b>	<b>42,600</b>	<b>45,791</b>	<b>50,721</b>		
Educational and general <sup>9</sup>	Mil. dol.	9,951	17,616	27,548	30,598	33,152	36,257	39,833		
Auxiliary enterprises and activities	Mil. dol.	1,888	2,988	4,074	4,477	4,858	5,261	5,750		
Gross addition to plant value	Mil. dol.	3,125	4,165	4,761	4,702	4,623	4,527	4,576		
Value of plant	Mil. dol.	26,851	46,054	62,183	66,348	70,739	74,771	78,638		
Endowment (book value)	Mil. dol.	8,766	11,341	13,403	13,952	14,747	15,568	16,804		

NA Not available. X Not applicable. <sup>1</sup> Total enrollment, degree and nondegree credit. <sup>2</sup> Branch campuses classified according to actual status, e.g., 2-year branch included in 2-year category. <sup>3</sup> Includes resident only. <sup>4</sup> Includes first-professional enrollment and unclassified students. <sup>5</sup> Includes items not shown separately. <sup>6</sup> Beginning 1970, includes "major public service programs" previously reported under "Educational and general." <sup>7</sup> Beginning 1974, annual net increase in plant funds. <sup>8</sup> Includes endowment, and, beginning 1974, annuity and student loans. See table 268. <sup>9</sup> Beginning 1974, not strictly comparable with earlier years.

Source: U.S. National Center for Education Statistics, *Digest of Educational Statistics*, annual.



## No. 267. COLLEGE ENROLLMENT, BY SEX AND RACE: 1960 TO 1980

[In thousands, except percent. As of October. Covers civilian noninstitutional population. Degree-credit enrollment only]

PERSONS 14-34 YEARS OLD	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980	PERCENT		
											1960	1970	1980
<b>Total</b> <sup>1</sup> .....	<b>3,570</b>	<b>5,675</b>	<b>7,413</b>	<b>8,827</b>	<b>9,697</b>	<b>9,950</b>	<b>10,217</b>	<b>9,838</b>	<b>9,978</b>	<b>10,180</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
<b>Male</b> .....	<b>2,339</b>	<b>3,503</b>	<b>4,401</b>	<b>4,926</b>	<b>5,342</b>	<b>5,296</b>	<b>5,369</b>	<b>5,124</b>	<b>4,993</b>	<b>5,025</b>	<b>65.5</b>	<b>59.4</b>	<b>49.4</b>
18-24.....	1,648	2,721	3,331	3,411	3,693	3,673	3,712	3,621	3,508	3,604	46.2	44.9	35.4
25-34.....	592	669	940	1,371	1,521	1,518	1,546	1,396	1,356	1,325	16.6	12.7	13.0
<b>Female</b> .....	<b>1,231</b>	<b>2,172</b>	<b>3,013</b>	<b>3,901</b>	<b>4,355</b>	<b>4,654</b>	<b>4,848</b>	<b>4,714</b>	<b>4,986</b>	<b>5,155</b>	<b>34.5</b>	<b>40.6</b>	<b>50.6</b>
18-24.....	950	1,760	2,474	2,905	3,243	3,508	3,431	3,373	3,482	3,625	26.6	33.4	35.6
25-34.....	156	261	409	831	947	971	1,255	1,173	1,319	1,378	4.4	5.5	13.5
White.....	3,342	5,317	6,759	7,781	8,516	8,644	8,612	8,514	8,709	8,875	93.6	91.2	87.2
<b>Male</b> .....	<b>2,214</b>	<b>3,326</b>	<b>4,066</b>	<b>4,367</b>	<b>4,774</b>	<b>4,658</b>	<b>4,717</b>	<b>4,508</b>	<b>4,400</b>	<b>4,438</b>	<b>62.0</b>	<b>54.8</b>	<b>43.6</b>
<b>Female</b> .....	<b>1,128</b>	<b>1,991</b>	<b>2,693</b>	<b>3,413</b>	<b>3,743</b>	<b>3,986</b>	<b>4,095</b>	<b>4,006</b>	<b>4,309</b>	<b>4,437</b>	<b>31.6</b>	<b>36.3</b>	<b>43.6</b>
Black.....	*227	274	522	814	948	1,062	1,103	1,020	1,002	1,007	*6.4	7.0	9.9
<b>Male</b> .....	<b>*125</b>	<b>126</b>	<b>253</b>	<b>422</b>	<b>442</b>	<b>489</b>	<b>490</b>	<b>452</b>	<b>434</b>	<b>437</b>	<b>*3.5</b>	<b>3.4</b>	<b>4.3</b>
<b>Female</b> .....	<b>*102</b>	<b>148</b>	<b>269</b>	<b>392</b>	<b>506</b>	<b>573</b>	<b>614</b>	<b>569</b>	<b>568</b>	<b>570</b>	<b>*2.9</b>	<b>3.6</b>	<b>5.6</b>

<sup>1</sup> Includes other races, not shown separately.    <sup>2</sup> Includes races other than White.Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, Nos. 110, 162, 335, 346, 360, and 362.

## No. 268. JUNIOR (TWO-YEAR) COLLEGES—NUMBER AND ENROLLMENT: 1960 TO 1979

[As of fall. Prior to 1973, excludes two-year branches of universities and other four-year institutions. 1960 covers degree-credit students only. See *Historical Statistics, Colonial Times to 1970*, series H 690-692 and H 705, for related but not comparable data. See also Appendix III]

ITEM	Unit	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979
<b>Institutions</b> .....	<b>Number</b> .....	<b>521</b>	<b>679</b>	<b>892</b>	<b>1,140</b>	<b>1,139</b>	<b>1,128</b>	<b>1,133</b>	<b>1,157</b>	<b>1,193</b>	<b>1,195</b>
Public.....	Number.....	315	420	654	891	897	897	905	921	924	926
Private.....	Number.....	206	259	238	249	242	231	228	236	269	269
<b>Enrollment</b> .....	<b>1,000</b> .....	<b>451</b>	<b>1,173</b>	<b>2,223</b>	<b>3,010</b>	<b>3,404</b>	<b>3,970</b>	<b>3,883</b>	<b>4,043</b>	<b>4,028</b>	<b>4,217</b>
Public.....	1,000.....	392	1,041	2,102	2,890	3,285	3,836	3,752	3,902	3,874	4,057
Private.....	1,000.....	59	132	121	120	119	134	132	141	154	160
<b>Male</b> .....	<b>1,000</b> .....	<b>282</b>	<b>734</b>	<b>1,317</b>	<b>1,651</b>	<b>1,832</b>	<b>2,165</b>	<b>1,980</b>	<b>1,965</b>	<b>1,885</b>	<b>1,922</b>
<b>Female</b> .....	<b>1,000</b> .....	<b>169</b>	<b>439</b>	<b>906</b>	<b>1,359</b>	<b>1,572</b>	<b>1,805</b>	<b>1,903</b>	<b>2,078</b>	<b>2,143</b>	<b>2,295</b>

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics*, annual.

## No. 269. COLLEGE ENROLLMENT OF DEPENDENT FAMILY MEMBERS, 18 TO 24 YEARS OLD, BY FAMILY INCOME: 1979

[In thousands, except as indicated. As of October. Covers civilian noninstitutional population. Degree credit enrollment. A dependent family member is a relative of the person maintaining the family other than the spouse. Such persons are generally sons and daughters within the family. Based on Current Population Survey; see text, p. 1. For definition of median, see Guide to Tabular Presentation]

INCOME CLASS	ALL RACES <sup>1</sup>			WHITE			BLACK		
	Total	In college		Total	In college		Total	In college	
		Number	Per cent		Number	Per cent		Number	Per cent
<b>All income levels</b> .....	<b>12,246</b>	<b>5,320</b>	<b>43.4</b>	<b>10,301</b>	<b>4,601</b>	<b>44.7</b>	<b>1,679</b>	<b>584</b>	<b>34.8</b>
Under \$10,000.....	1,911	589	30.8	1,161	363	31.3	700	204	29.1
\$10,000 to \$14,999.....	1,584	575	36.3	1,215	443	36.5	313	104	33.2
\$15,000 to \$19,999.....	1,565	660	42.2	1,347	556	41.3	183	84	45.9
\$20,000 to \$24,999.....	1,810	760	42.0	1,593	667	41.9	189	80	42.3
\$25,000 and over.....	4,171	2,232	53.5	3,970	2,135	53.8	142	63	44.4
Not reported.....	1,205	503	41.7	1,016	442	43.5	151	48	31.8
Median family income.....	\$21,272	\$23,845	(X)	\$22,886	\$25,000+	(X)	\$11,022	\$13,077	(X)

X Not applicable.    <sup>1</sup> Includes other races, not shown separately.Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 360.

# NO. 270. INSTITUTIONS OF HIGHER EDUCATION—NUMBER AND ENROLLMENT OF TOTAL AND OF FIRST-TIME STUDENTS, BY STATES AND OTHER AREAS: 1970 AND 1980

[Number of institutions for academic year beginning 1980. Opening fall enrollment of resident and extension students attending full-time or part-time. Excludes students taking courses at home for credit, by mail, radio, or TV, and students in branches of U.S. institutions operated in foreign countries. See Appendix III]

STATE OR OTHER AREA	1970		Number of institutions <sup>1</sup>	1980							
	Total enrollment (1,000)	First-time students (1,000)		ENROLLMENT (1,000)							
				Total	Male	Female	Public	Private	First-time	Full-time	Part-time
U.S. ....	8,580.9	2,063.4	3,231	12,114.9	5,884.1	6,230.8	9,478.6	2,636.4	2,601.0	7,102.2	5,012.7
N.E. ....	560.1	141.5	250	765.6	366.3	399.3	390.6	375.0	166.4	477.2	288.4
Maine .....	34.1	10.0	28	43.3	21.2	22.1	31.9	11.4	9.9	30.2	13.1
N.H. ....	29.4	7.6	25	46.8	23.6	23.2	24.1	22.7	12.1	35.2	11.6
Vt. ....	22.2	6.0	21	30.6	13.8	16.9	18.0	12.6	6.7	23.1	7.6
Mass. ....	303.8	76.1	116	418.4	200.5	217.9	193.8	234.7	89.9	261.4	157.0
R.I. ....	45.9	10.7	13	66.9	32.4	34.5	35.1	31.8	12.8	41.6	25.3
Conn. ....	124.7	31.1	47	159.6	74.9	84.8	97.8	61.8	35.0	85.8	73.8
M.A. ....	1,433.6	319.5	555	1,821.1	871.3	949.8	1,102.8	718.4	355.7	1,147.0	674.1
N.Y. ....	806.5	172.1	293	991.8	470.9	520.9	563.3	428.6	182.4	634.5	357.3
N.J. ....	216.1	56.9	62	321.6	148.1	173.5	247.0	74.6	64.7	168.5	153.1
Pa. ....	411.0	90.5	200	507.7	252.3	255.4	292.5	215.2	108.6	344.0	163.8
E.N.C. ....	1,615.9	388.7	524	2,169.9	1,059.0	1,110.9	1,751.6	418.3	516.1	1,270.3	899.5
Ohio ....	376.3	88.4	135	489.1	242.7	246.5	381.8	107.4	110.9	308.9	180.3
Ind. ....	192.7	43.3	74	247.3	126.6	120.7	189.2	58.0	57.0	165.6	81.7
Ill. ....	452.1	114.8	157	644.2	306.5	337.7	491.3	153.0	148.4	332.4	311.8
Mich. ....	392.7	90.8	93	520.1	251.2	269.0	454.1	66.0	125.0	286.9	233.2
Wis. ....	202.1	51.4	65	269.1	132.0	137.0	235.2	33.9	74.8	176.6	92.5
W.N.C. ....	685.1	165.8	335	878.1	436.5	441.6	680.2	197.9	205.2	593.3	284.8
Minn. ....	160.8	36.7	70	210.3	101.5	108.8	166.0	44.3	43.0	143.9	66.4
Iowa ....	108.9	29.3	61	140.4	71.7	68.7	97.5	43.0	39.1	108.0	32.4
Mo. ....	183.9	41.3	86	234.4	117.7	116.7	165.2	69.2	50.4	148.4	86.0
N. Dak. ....	31.5	9.4	16	34.1	17.9	16.2	31.7	2.4	10.3	28.3	5.8
S. Dak. ....	30.6	7.7	20	32.8	16.5	16.2	24.3	8.4	8.0	25.5	7.2
Nebr. ....	66.9	15.3	30	89.5	45.3	44.2	73.5	16.0	24.4	55.6	33.9
Kans. ....	102.5	26.1	52	136.6	65.9	70.7	122.0	14.6	30.0	83.5	53.1
S.A. ....	1,070.6	277.6	524	1,723.7	817.6	906.1	1,365.3	358.3	349.1	1,036.2	687.5
Del. ....	25.3	8.8	10	32.9	14.6	18.3	28.3	4.6	8.5	21.8	11.1
Md. ....	149.6	33.6	57	225.5	100.9	124.6	195.1	30.5	48.9	111.1	114.4
D.C. ....	77.2	10.4	18	86.7	43.5	43.2	13.9	72.8	14.6	49.2	37.5
Va. ....	151.9	43.4	69	280.5	127.6	152.9	246.5	34.0	40.5	161.6	119.0
W. Va. ....	63.2	15.9	28	82.0	38.5	43.4	71.2	10.7	16.1	49.5	32.4
N.C. ....	171.9	57.2	126	287.5	136.6	150.9	228.2	59.4	69.7	196.7	90.8
S.C. ....	69.5	23.8	61	132.5	66.3	66.2	107.7	24.8	35.4	94.5	38.0
Ga. ....	126.5	27.6	76	184.2	91.0	93.1	140.2	44.0	34.9	126.7	57.5
Fla. ....	235.5	56.9	79	411.9	198.5	213.4	334.3	77.5	80.4	225.1	186.8
E.S.C. ....	411.6	98.8	233	614.3	293.3	321.1	506.1	108.3	140.4	429.8	184.5
Ky. ....	98.6	21.3	57	143.1	66.8	76.3	114.9	28.2	31.1	96.9	46.1
Tenn. ....	135.1	29.1	77	204.6	99.0	105.6	156.8	47.7	45.0	137.6	67.0
Ala. ....	103.9	25.5	57	164.3	80.1	84.2	143.7	20.6	40.6	119.5	44.8
Miss. ....	74.0	22.9	42	102.4	47.4	55.0	90.7	11.7	23.6	75.8	26.6
W.S.C. ....	725.1	170.1	265	1,096.6	552.0	544.6	953.5	143.1	250.1	686.4	410.2
Ark. ....	52.0	13.5	35	77.6	37.3	40.3	66.1	11.5	19.1	58.0	19.7
La. ....	120.7	27.2	32	160.1	78.3	81.8	136.7	23.4	33.7	116.2	43.9
Okla. ....	110.2	27.4	45	157.6	79.1	78.5	137.2	20.4	32.7	98.1	59.5
Tex. ....	442.2	102.0	153	701.4	357.4	344.0	613.6	87.8	164.6	414.3	287.1
Mt. ....	452.8	107.9	146	657.7	330.6	327.1	581.4	76.3	150.2	380.1	277.6
Mont. ....	30.1	7.3	16	35.2	17.6	17.5	31.2	4.0	7.8	26.2	9.0
Idaho ....	34.6	11.6	9	43.0	21.4	21.6	34.5	8.5	11.4	29.0	14.0
Wyo. ....	15.2	4.8	9	21.1	9.9	11.3	21.1	(2)	5.2	12.2	9.0
Colo. ....	123.4	28.9	44	162.9	82.9	80.0	145.6	17.3	29.3	105.1	57.8
N. Mex. ....	44.5	9.4	19	58.3	28.1	30.2	55.1	3.2	9.6	36.6	21.7
Ariz. ....	109.6	25.9	28	202.7	98.9	103.8	194.0	8.7	61.3	90.2	112.5
Utah ....	81.7	16.6	14	94.0	52.4	41.6	59.6	34.4	19.9	67.3	26.7
Nev. ....	13.7	3.4	7	40.5	19.4	21.1	40.3	.2	5.8	13.5	26.9
Pac. ....	1,609.0	388.9	389	2,338.1	1,111.6	1,226.5	2,097.4	240.7	463.0	1,032.2	1,305.9
Wash. ....	183.5	53.3	49	303.6	141.3	162.3	276.0	27.6	24.8	158.3	145.3
Oreg. ....	122.2	37.7	45	157.5	78.3	79.1	140.1	17.4	45.0	91.2	66.3
Calif. ....	1,257.2	284.8	268	1,808.6	859.8	948.7	1,617.4	191.2	373.4	747.8	1,060.7
Alaska ....	9.5	2.2	15	21.3	8.5	12.8	20.6	.7	10.8	5.7	15.6
Hawaii ....	36.6	10.9	12	47.2	23.6	23.6	43.3	3.9	9.1	29.1	18.0
U.S. military <sup>2</sup> .....	17.1	4.3	10	49.8	45.9	4.0	49.8	-	4.6	49.7	.1
Other <sup>3</sup> .....	67.3	16.2	38	137.7	56.3	81.5	60.7	77.1	37.5	106.9	30.9
P. Rico .....	63.1	15.5	34	131.2	53.7	77.5	54.1	77.1	36.3	104.1	27.1
Guam .....	2.7	.6	1	3.2	1.4	1.8	3.2	-	.7	1.6	1.6
Virgin Is. ....	1.4	.2	1	2.1	.6	1.5	2.1	-	.2	.5	1.8

- Represents zero. Z Less than 50. <sup>1</sup> Branch campuses counted separately. <sup>2</sup> Military academies. <sup>3</sup> Includes American Samoa and Trust Territory, not shown separately.

Source: U.S. National Center for Education Statistics, *Fall Enrollment in Higher Education*, annual.

## No. 271. COLLEGE ENROLLMENT BY MAJOR FIELD OF STUDY AND SEX: 1966 TO 1978

[In thousands, except percent. As of October. Covers civilian noninstitutional population 14 to 34 years old. Degree-credit enrollment only. Based on Current Population Survey; see text, p. 1]

MAJOR FIELD OF STUDY	1966, total	1972, total	1974			1978			PERCENT DISTRIBUTION		
			Total	Male	Female	Total	Male	Female	1966	1972	1978
<b>Total enrollment</b> <sup>1</sup>	<b>5,999</b>	<b>8,313</b>	<b>8,827</b>	<b>4,926</b>	<b>3,901</b>	<b>9,838</b>	<b>5,124</b>	<b>4,714</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Agriculture, forestry	73	97	104	90	14	<sup>2</sup> 144	<sup>2</sup> 82	<sup>2</sup> 62	1.2	1.2	<sup>2</sup> 1.5
Biological sciences	602	257	327	193	134	302	155	148	10.0	3.1	3.1
Health, medical profession	888	1,157	1,376	940	436	1,956	1,138	819	14.8	13.9	19.9
Business, commerce	1,118	1,007	1,158	318	841	781	180	601	18.6	12.1	7.9
Education	534	357	410	382	28	565	498	66	8.9	4.3	5.7
Engineering	620	291	264	109	156	192	68	125	10.3	3.5	2.0
English, journalism	(NA)	455	404	209	194	741	325	416	(NA)	5.5	7.5
Other humanities	(NA)	237	271	208	63	220	150	70	(NA)	2.9	2.2
Mathematics, statistics	236	239	168	93	75	142	90	52	3.9	2.9	1.4
Physical sciences	226	157	134	97	36	193	132	61	3.8	1.9	2.0
Social sciences	642	954	771	429	342	763	374	389	10.7	11.5	7.8

NA Not available. <sup>1</sup>Includes other, not shown separately. <sup>2</sup>Includes home economics. <sup>3</sup>Includes computer sciences.  
Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, Nos. 183, 260, 289, and 351.

## No. 272. ENROLLMENT IN INSTITUTIONS OF HIGHER EDUCATION, BY SPECIFIED MINORITY GROUPS, 1968 TO 1978, AND BY GEOGRAPHIC DIVISION, 1978

[Enrollment in thousands, except percent. As of fall. Prior to 1976, excludes Alaska and Hawaii. Covers full-time undergraduate students in 2-year and 4-year institutions taking credits equal to at least 75 percent of a normal load. Excludes federally controlled institutions. For composition of divisions, see fig. 1, inside front cover]

YEAR AND GEOGRAPHIC DIVISION	Number of institutions	Total enroll- ment	BLACK ENROLLMENT		ENROLLMENT OF OTHER MINORITY GROUPS				
			Number	Percent	Total	Per- cent	American Indian	Asian American	Spanish- surnamed American
<b>1968, total</b>	<b>2,054</b>	<b>4,820</b>	<b>287</b>	<b>6.0</b>	<b>169</b>	<b>3.5</b>	<b>29</b>	<b>48</b>	<b>91</b>
<b>1970, total</b>	<b>2,516</b>	<b>4,966</b>	<b>345</b>	<b>6.9</b>	<b>181</b>	<b>3.7</b>	<b>27</b>	<b>52</b>	<b>103</b>
<b>1972, total</b>	<b>2,665</b>	<b>5,531</b>	<b>459</b>	<b>8.3</b>	<b>219</b>	<b>4.0</b>	<b>32</b>	<b>57</b>	<b>130</b>
<b>1974, total</b>	<b>2,808</b>	<b>5,639</b>	<b>508</b>	<b>9.0</b>	<b>255</b>	<b>4.5</b>	<b>33</b>	<b>64</b>	<b>158</b>
<b>1976, total</b>	<b>2,821</b>	<b>5,755</b>	<b>605</b>	<b>10.5</b>	<b>331</b>	<b>5.8</b>	<b>38</b>	<b>101</b>	<b>191</b>
<b>1978, total</b>	<b>2,897</b>	<b>5,664</b>	<b>601</b>	<b>10.6</b>	<b>346</b>	<b>6.1</b>	<b>36</b>	<b>114</b>	<b>196</b>
New England	236	395	15	3.9	10	2.7	1	4	5
Middle Atlantic	473	941	98	10.4	57	6.1	3	14	39
East North Central	467	1,016	99	9.7	24	2.4	4	8	13
West North Central	298	478	18	3.8	10	2.2	4	3	3
South Atlantic	494	832	158	19.0	24	2.8	3	6	15
East South Central	216	361	77	21.3	3	.8	1	1	1
West South Central	244	553	72	13.0	51	9.3	5	4	43
Mountain	129	306	7	2.2	29	9.6	6	4	20
Pacific	340	782	57	7.3	137	17.5	10	70	57

Source: U.S. Office for Civil Rights, *Undergraduate Enrollment by Ethnic Group in Federally Funded Institutions of Higher Education, Fall 1968* and, beginning 1970, *Racial and Ethnic Enrollment Data From Institutions of Higher Education*, biennial.

## No. 273. FOREIGN (NONIMMIGRANT) STUDENT ENROLLMENT IN INSTITUTIONS OF HIGHER EDUCATION, BY REGION OF ORIGIN, 1975 TO 1980, AND BY FIELD OF STUDY, 1980

REGION OF ORIGIN	ENROLLMENT (1,000)						REGION OF ORIGIN	1980, PERCENT ENROLLED IN—		
	1975	1976	1977	1978	1979	1980		Engi- neering	Sci- ence <sup>1</sup>	Busi- ness
<b>All regions</b> <sup>2</sup>	<sup>3</sup> 155	179	203	237	264	286	<b>All regions</b> <sup>2</sup>	25	8	16
Africa	18	25	26	30	34	36	Africa	20	9	19
Asia <sup>4</sup>	82	97	109	131	147	165	Asia <sup>4</sup>	32	8	16
Taiwan	10	11	12	14	16	18	Taiwan	27	15	17
Hong Kong	11	12	11	12	11	10	Hong Kong	22	9	26
India	10	10	9	9	9	9	India	31	16	21
Iran	14	20	23	36	45	51	Iran	45	7	11
Europe	14	14	17	19	22	23	Europe	15	9	14
Latin America <sup>5</sup>	26	30	37	39	41	42	Latin America <sup>5</sup>	20	8	14
North America	8	10	11	13	16	16	North America	8	6	13
Canada	9	10	11	13	15	15	Canada	8	6	12
Oceania	5	3	3	4	4	4	Oceania	5	7	16

<sup>1</sup> Physical and life sciences. <sup>2</sup> Includes those with no country of citizenship. <sup>3</sup> Distribution by region estimated for 30,416 students whose origin was unknown. <sup>4</sup> Includes countries not shown separately. <sup>5</sup> Includes Mexico, Central America, and Caribbean.

Source: Institute of International Education, New York, N.Y., *Open Doors*, annual. (Copyright.)

**NO. 274. MAJOR FEDERAL STUDENT FINANCIAL ASSISTANCE PROGRAMS—TYPE OF PROGRAM,  
NUMBER OF RECIPIENTS, AND FUNDS UTILIZED: 1970 TO 1982**

[For years ending June 30, except College Work-Study for calendar year 1970 and, beginning 1976, Guaranteed Student Loan as of September 30. For information on various programs, see source. Funds utilized exclude operating costs, etc. and represent funds given to students.]

PROGRAM	Unit	1970	1974	1975	1976	1977	1978	1979	1980	1981, prel.	1982, proj.
<b>Basic Educational Opportunity Grants: <sup>2</sup></b>											
Number of recipients.....	1,000.....	(x)	185.2	573.4	1,228.0	1,945.4	1,864.0	1,893.0	2,537.9	2,600.0	2,700.0
Funds utilized.....	Mill. dol.....	(x)	50	357	937	1,474	1,588	1,561	2,505	2,415	2,446
Average grant.....	Dollars.....	(x)	269	621	763	757	852	825	987	893	906
<b>Supplemental Educational Opportunity Grants: <sup>2</sup></b>											
Number of recipients.....	1,000.....	258.2	331.5	395.0	390.0	449.0	499.0	510.0	620.0	650.0	652.0
Funds utilized.....	Mill. dol.....	113	189	200	201	244	243	266	333	355	361
Average grant.....	Dollars.....	440	571	506	513	543	489	522	537	551	554
<b>National Direct Student Loans:</b>											
Number of recipients.....	1,000.....	456.0	655.0	680.0	690.0	764.0	795.1	808.6	861.4	861.0	780.2
Loan funds utilized <sup>3</sup> .....	Mill. dol.....	246	433	440	460	560	615	640	646	711	648
Average loan.....	Dollars.....	540	661	647	667	732	773	792	825	826	830
Loans in default.....	Mill. dol.....	(NA)	(NA)	(NA)	(NA)	582	702.5	(NA)	(NA)	(NA)	(NA)
Default rate <sup>4</sup> .....	Percent.....	(NA)	(NA)	(NA)	(NA)	16.9	17.4	16.0	(NA)	(NA)	(NA)
<b>College Work-Study:</b>											
Number of recipients.....	1,000.....	385.0	556.0	570.0	575.0	697.0	845.3	852.5	971.5	975.6	980.0
Funds utilized <sup>3</sup> .....	Mill. dol.....	173	298	295	295	436	469	488	597	607	613
Average annual earnings.....	Dollars.....	450	532	518	518	626	555	573	614	622	625
<b>Guaranteed Student Loans:</b>											
Number of loans.....	1,000.....	863.0	937.5	990.4	<sup>5</sup> 1,298.6	972.6	1,085.0	1,509.5	2,314.0	(NA)	(NA)
Loan funds utilized.....	Mill. dol.....	811	1,139	1,298	<sup>5</sup> 1,828	1,537	1,959	2,984	4,840	(NA)	(NA)
Average loan.....	Dollars.....	940	1,215	1,311	<sup>5</sup> 1,408	1,581	1,806	1,977	2,091	(NA)	(NA)
Loans in default.....	Mill. dol.....	(NA)	(NA)	(NA)	(NA)	797	1,004	1,226	1,439	(NA)	(NA)
Default rate <sup>4</sup> .....	Percent.....	(NA)	(NA)	(NA)	(NA)	10.3	11.0	11.5	12.5	(NA)	(NA)

NA Not available. X Not applicable.

<sup>1</sup> Beginning Oct. 1, 1980, Pell Grant. <sup>2</sup> For 1970, data represents Educational Opportunity Grants Program.

<sup>3</sup> Includes institutional matching funds. <sup>4</sup> Loans in default as a percent cumulative matured loans. <sup>5</sup> Data for 15 months, July 1, 1975 to September 30, 1976.

Source: U.S. Dept. of Education, Office of Student Financial Assistance, *Program Book*, 1981.

**NO. 275. INSTITUTIONS OF HIGHER EDUCATION—CHARGES: 1965 TO 1981**

[In dollars. Estimated. Represents average charges per full-time resident degree-credit student. Tuition and fees were calculated on the basis of full-time equivalent students. Room and board were based on full-time students]

ACADEMIC YEAR ENDING AND CONTROL	TUITION AND REQUIRED FEES				BOARD RATES				DORMITORY CHARGES			
	All institutions	2-yr. col- leges	4-yr. univer- sities	Other 4-yr. schools	All institutions	2-yr. col- leges	4-yr. univer- sities	Other 4-yr. schools	All institutions	2-yr. col- leges	4-yr. univer- sities	Other 4-yr. schools
<b>1965:</b> Public.....	243	99	298	224	436	361	462	402	271	178	291	241
Nonpublic.....	1,088	702	1,297	1,023	488	464	515	479	331	289	390	308
<b>1970:</b> Public.....	323	178	427	306	511	465	540	483	370	308	395	347
Nonpublic.....	1,533	1,034	1,809	1,469	562	547	608	543	436	413	500	409
<b>1975:</b> Public.....	432	277	599	448	625	638	634	613	506	424	527	497
Nonpublic.....	2,117	1,367	2,614	1,954	700	660	771	666	586	564	691	536
<b>1979:</b> Public.....	554	354	770	614	796	796	827	764	659	535	689	647
Nonpublic.....	2,793	1,764	3,643	2,562	904	866	1,021	851	780	714	940	710
<b>1980:</b> Public.....	595	350	836	655	869	860	902	835	717	551	750	706
Nonpublic.....	3,108	1,925	3,970	2,850	973	926	1,112	907	846	746	1,018	770
<b>1981:</b> <sup>1</sup> Public.....	657	387	934	724	956	946	992	918	792	601	829	780
Nonpublic.....	3,434	2,128	4,387	3,149	1,053	1,019	1,223	998	935	813	1,125	851
Average annual percent change, public:												
1965-1970.....	5.9	12.5	7.5	6.4	3.2	5.2	3.2	3.7	6.4	11.6	6.3	7.6
1970-1975.....	6.0	9.3	7.0	7.9	4.1	6.5	3.3	4.9	6.5	6.6	5.9	7.5
1975-1980.....	6.6	4.8	6.9	7.9	6.8	6.2	7.3	6.4	7.2	5.4	7.3	7.3
1975-1981.....	7.2	5.7	7.7	8.3	7.3	6.8	7.8	7.0	7.8	6.0	7.8	7.8

<sup>1</sup> Preliminary estimate.

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics*, annual, and *Projections of Education Statistics*, annual.

## NO. 276. INSTITUTIONS OF HIGHER EDUCATION—FINANCES: 1970 TO 1979

[In millions of dollars. For fiscal years ending in year shown. For coverage, see headnote, table 266. See also Appendix III and *Historical Statistics, Colonial Times to 1970*, series H 729-738 and H 747-749]

ITEM	1970	1975	1976	1977	1978	1979		
						Total	Public	Private
<b>Current funds revenues</b>	<b>21,515</b>	<b>35,687</b>	<b>39,703</b>	<b>43,437</b>	<b>47,034</b>	<b>51,838</b>	<b>34,527</b>	<b>17,310</b>
Educational and general	16,486	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Tuition and fees	4,420	7,233	8,172	9,025	9,855	10,704	4,381	6,324
Federal government	2,682	4,991	5,414	5,730	6,113	6,844	4,477	2,367
State government	5,788	10,857	12,261	13,286	14,746	16,364	16,018	346
Local government	775	1,424	1,617	1,627	1,744	1,573	1,461	112
Endowment earnings	447	718	687	765	832	985	154	832
Private gifts, grants, and contracts <sup>1</sup>	1,001	1,745	1,917	2,105	2,320	2,489	836	1,653
Related activities <sup>2</sup>	1,373	555	645	779	883	1,037	696	338
Auxiliary enterprises	2,900	4,080	4,548	4,920	5,328	5,741	3,628	2,113
Other funds revenues	2,129	4,083	4,442	5,201	5,212	6,100	2,874	3,226
Plant funds <sup>3</sup>	(NA)	3,311	3,910	3,417	3,293	3,676	2,706	971
Increase in fund balance	368	486	959	1,117	1,032	1,373	348	1,024
Endowment	368	229	649	802	758	1,100	249	851
Annuity and life income	(NA)	26	53	52	45	69	7	62
Loans	(NA)	231	257	263	229	203	92	111
<b>Current funds expenditures<sup>4</sup></b>	<b>21,403</b>	<b>35,058</b>	<b>38,903</b>	<b>42,600</b>	<b>45,971</b>	<b>50,721</b>	<b>33,733</b>	<b>16,988</b>
Educational and general	27,548	30,598	33,152	36,257	39,833	39,833	27,490	12,343
Instruction	11,798	13,095	14,031	15,336	16,663	16,663	12,085	4,597
Institutional support	3,057	3,615	3,762	4,142	4,557	4,557	2,846	1,712
Research	3,132	3,287	3,600	3,920	4,448	4,448	2,943	1,504
Plant operation <sup>5</sup>	2,787	3,083	3,437	3,795	4,179	4,179	2,914	1,265
Academic support	2,256	2,472	2,795	3,130	3,471	3,471	2,499	972
Libraries	1,002	1,224	1,250	1,349	1,427	1,427	953	474
Student services	(NA)	1,439	1,625	1,828	2,035	2,275	1,554	721
Scholarships and fellowships	1,450	1,636	1,770	1,839	1,945	1,945	862	1,083
Unrestricted funds	632	687	749	818	883	883	326	557
Restricted funds	818	949	1,021	1,021	1,061	1,061	535	526
Public service	1,098	1,239	1,343	1,425	1,593	1,593	1,334	259
Mandatory transfers	532	546	585	634	703	703	474	230
Auxiliary enterprises <sup>4</sup>	4,074	4,477	4,858	5,261	5,750	3,658	2,092	
Hospitals <sup>4</sup>	2,351	2,696	3,155	3,598	4,131	2,522	1,609	
Independent operations <sup>4</sup>	1,087	1,132	1,435	855	1,007	62	945	
Gross addition to plant value <sup>6</sup>	4,233	4,761	4,702	4,623	4,527	4,576	3,377	1,198
Value of plant (grounds, buildings, equipment)	42,094	62,183	66,348	70,739	74,771	78,838	53,697	24,941
<b>Endowment (book value)<sup>7</sup></b>	<b>10,854</b>	<b>13,403</b>	<b>13,952</b>	<b>14,747</b>	<b>15,568</b>	<b>16,804</b>	<b>3,385</b>	<b>13,419</b>

NA Not available. X Not applicable. <sup>1</sup> Private grants represent nongovernmental revenue for sponsored research and other sponsored programs. Beginning 1975, includes private contracts. <sup>2</sup> 1970 represents related activities, sales and services of educational departments, and other miscellaneous; beginning 1975, sales and services of educational departments only.

<sup>3</sup> Beginning 1975, annual net increase in plant funds. <sup>4</sup> Includes mandatory transfers which are primarily current expenditures for plant. <sup>5</sup> Includes maintenance. <sup>6</sup> Includes expenditures from current funds for plant expansion. <sup>7</sup> Includes funds functioning as endowment funds.

Source: U.S. National Center for Education Statistics, *Financial Statistics of Institutions of Higher Education*, annual.

## NO. 277. VOLUNTARY FINANCIAL SUPPORT OF HIGHER EDUCATION: 1965 TO 1980

[For school years ending in years shown; enrollment as of fall of preceding year. Voluntary support, as defined in *Gift Reporting Standards*, excludes income from endowment and other invested funds as well as all support received from Federal, State, and local governments and their agencies]

ITEM	Unit	1965	1970	1974	1975	1976	1977	1978	1979	1980
<b>Estimated support, total<sup>1</sup></b>	<b>Mil. dol</b>	<b>1,400</b>	<b>1,780</b>	<b>2,240</b>	<b>2,160</b>	<b>2,410</b>	<b>2,670</b>	<b>3,040</b>	<b>3,230</b>	<b>3,800</b>
Foundations	Mil. dol	402	484	535	497	549	558	623	701	903
Individuals	Mil. dol	628	822	1,065	1,002	1,157	1,284	1,480	1,521	1,757
Alumni	Mil. dol	280	381	509	486	588	638	714	785	910
Business corporations	Mil. dol	196	269	354	357	379	446	508	556	696
Religious denominations	Mil. dol	101	102	116	112	130	136	158	161	155
Current operations	Mil. dol	603	951	1,300	1,370	1,480	1,620	1,825	2,010	2,250
Capital purposes	Mil. dol	797	829	940	790	930	1,050	1,215	1,220	1,550
Enrollment, higher education	1,000	(NA)	8,005	9,602	10,224	11,291	11,121	11,415	11,392	11,707
Support per student	Dollars	(NA)	222	233	211	213	240	266	284	325
In 1967 dollars	Dollars	(NA)	196	166	137	128	136	141	138	140
Expenditures, higher education	Bil. dol	24.7	34.3	38.9	42.7	45.5	50.0	54.0	58.5	
Expenditures per student	Dollars	(NA)	3,090	3,570	3,805	3,780	4,090	4,380	4,740	4,997
In 1967 dollars	Dollars	(NA)	2,730	2,540	2,460	2,280	2,325	2,324	2,297	2,153
Institutions reporting support	Number	1,064	1,045	988	986	991	1,005	1,065	972	1,019
<b>Total support reported</b>	<b>Mil. dol</b>	<b>1,245</b>	<b>1,472</b>	<b>1,747</b>	<b>1,675</b>	<b>1,891</b>	<b>2,139</b>	<b>2,348</b>	<b>2,556</b>	<b>3,055</b>
Private 4-year institutions	Mil. dol	1,032	1,154	1,342	1,227	1,396	1,559	1,702	1,823	2,171
Public 4-year institutions	Mil. dol	195	292	386	431	477	562	623	715	856
Junior colleges	Mil. dol	18	26	19	17	18	18	23	18	22

NA Not available. <sup>1</sup> Includes other contributions not shown separately.

Source: Council for Financial Aid to Education, New York, N.Y., *Voluntary Support of Education*, annual.

## NO. 278. HIGHER EDUCATION PRICE INDEXES: 1965 TO 1980

[1967=100. For years ending June 30. Reflects prices paid by colleges and universities. For explanation of average annual percent change, see Guide to Tabular Presentation]

YEAR	Index, total	Average annual percent change	PERSONNEL COMPENSATION				CONTRACTED SERVICES, SUPPLIES, AND EQUIPMENT					
			Total	Professional salaries	Nonprofessional salaries	Fringe benefits	Total	Services	Supplies and materials	Equipment	Books, periodicals	Utilities
1965.....	91	<sup>1</sup> 4.3	89	89	94	78	96	95	96	95	91	100
1970.....	121	<sup>2</sup> 5.9	124	121	118	146	111	113	106	111	121	104
1972.....	136	<sup>3</sup> 5.4	138	133	136	180	126	126	113	119	164	122
1973.....	143	5.3	146	138	144	198	132	132	116	123	177	129
1974.....	153	7.1	155	145	153	222	145	138	132	131	195	158
1975.....	166	8.6	166	154	166	241	169	150	164	154	220	203
1976.....	177	6.6	176	162	179	267	180	157	172	163	252	219
1977.....	189	6.5	187	169	192	295	195	167	181	172	268	258
1978.....	201	6.7	199	173	207	324	209	176	188	183	286	293
1979.....	217	7.7	215	189	223	367	226	187	203	198	316	321
1980.....	238	9.9	232	202	243	409	261	202	239	216	364	409

<sup>1</sup> Change from 1964. <sup>2</sup> Change from 1965.

<sup>3</sup> Change from 1971.

Source: U.S. National Institute of Education, *Higher Education Prices and Price Indexes, 1978*, with annual supplements; and National Association of College and University Business Officers, *The Business Officer*, October 1980.

## NO. 279. MONTHLY SALARY OFFERS TO CANDIDATES FOR DEGREES: 1975 TO 1980

[In dollars. Data are average beginning salaries based on offers made by business, industrial, government, and nonprofit and educational employers to graduating students. Data from representative colleges throughout U.S.]

FIELD OF STUDY	BACHELOR'S				MASTER'S <sup>1</sup>				DOCTOR'S			
	1975	1978	1979	1980	1975	1978	1979	1980	1975	1978	1979	1980
Accounting.....	981	1,124	1,206	1,293	(NA)	1,332	1,416	1,517	(NA)	(NA)	(NA)	(NA)
Business, general <sup>2</sup> .....	843	993	1,102	1,218	1,250	1,498	1,611	1,795	(NA)	(NA)	(NA)	(NA)
Marketing <sup>3</sup> .....	801	960	1,040	1,145	(NA)	(NA)	(NA)	1,794	(NA)	(NA)	(NA)	(NA)
Engineering: Civil.....	1,064	1,288	1,402	1,554	1,183	1,463	1,595	1,753	1,382	1,830	2,260	2,089
Chemical.....	1,196	1,513	1,642	1,801	1,310	1,629	1,779	1,947	1,645	2,074	2,231	2,452
Electrical <sup>4</sup> .....	1,081	1,367	1,520	1,690	1,228	1,557	1,731	1,912	1,550	1,974	2,221	2,534
Mechanical.....	1,122	1,404	1,536	1,703	1,274	1,571	1,716	1,893	1,624	2,030	2,160	2,426
Chemistry.....	956	1,191	1,332	1,459	1,118	1,426	1,552	1,688	1,503	1,859	2,017	2,261
Mathematics.....	915	1,185	1,324	1,475	1,138	1,417	1,502	1,685	1,523	1,880	2,070	2,199
Physics.....	(NA)	(NA)	(NA)	(NA)	1,216	(NA)	(NA)	(NA)	1,473	1,904	2,093	2,303
Humanities.....	723	871	983	1,074	931	1,008	1,132	1,309	(NA)	(NA)	(NA)	(NA)
Social sciences <sup>5</sup> .....	770	893	972	1,072	953	1,102	1,254	1,298	(NA)	(NA)	(NA)	(NA)

NA Not available. <sup>1</sup> Candidates with 1 year or less of full-time nonmilitary employment. <sup>2</sup> For master's degrees, offers are after nontechnical undergraduate degree. <sup>3</sup> Includes distribution. <sup>4</sup> Includes computer engineering in 1979. <sup>5</sup> Beginning 1978, excludes economics.

Source: College Placement Council, Inc., Bethlehem, Pa., *A Study of Beginning Offers*, annual. (Copyright.)

## NO. 280. INSTITUTIONS OF HIGHER EDUCATION—MEDIAN ANNUAL SALARIES OF INSTRUCTIONAL FACULTY, BY TYPE OF CONTROL: 1968 TO 1978

[For fiscal years ending in year stated. For 4-year colleges and universities. Figures are for 9 months of full-time teaching, except as noted. For definition of median, see Guide to Tabular Presentation. See *Historical Statistics, Colonial Times to 1970*, series D 913]

TYPE OF CONTROL AND POSITION	MEDIAN ANNUAL SALARIES (\$1,000)						Average annual percent change 1968-1978
	1968	1970	1972	1974	1976	1978 <sup>1</sup>	
<b>Public: All ranks.....</b>	10,468	12,078	13,280	14,827	16,810	18,449	5.8
Professors.....	14,856	17,082	18,330	20,340	22,728	24,922	5.3
Associate professors.....	11,606	13,267	14,166	15,617	17,448	19,158	5.1
Assistant professors.....	9,686	10,948	11,705	12,926	14,377	15,749	5.0
Instructors.....	7,559	8,475	9,285	10,210	11,496	12,472	5.1
<b>Private: All ranks.....</b>	9,703	10,908	12,001	12,714	14,574	16,442	5.4
Professors.....	14,362	15,978	17,197	17,850	20,194	22,783	4.7
Associate professors.....	10,904	12,131	13,187	13,856	15,634	17,449	4.8
Assistant professors.....	9,034	10,040	10,961	11,524	12,912	14,348	4.7
Instructors.....	7,289	8,120	9,053	9,469	10,618	11,260	4.4

<sup>1</sup> Represents only faculty on 9-month contracts; prior years included 9-month equivalents for faculty on 11- or 12-month contract.

Source: National Education Association, Washington, D.C., Research Report. 1968-R7 *Salaries in Higher Education 1967-68*, biennial, Research Memo, 1977-1, *Summary of Salaries Paid in Higher Education*, biennial and, *Quartiles of Faculty Salaries Paid in Higher Education, 1977-78*. (Copyright © 1979 by the National Education Association. All rights reserved.)

**NO. 281. INSTITUTIONS OF HIGHER EDUCATION—MEDIAN ANNUAL SALARIES OF ADMINISTRATIVE OFFICERS: 1970 TO 1981**

[For fiscal year ending in year stated. Median salaries based on number of responding institutions which varies from survey to survey—1,383 in 1980 and 1,557 in 1981. For definition of median, see Guide to Tabular Presentation]

POSITION	MEDIAN ANNUAL SALARY (\$1,000)											
	Public institutions						Private institutions					
	1970	1974	1976	1978	1980	1981	1970	1974	1976	1978	1980	1981
Chief Executive Officer of single institutions.....	26.2	32.0	35.5	40.0	44.1	48.3	23.5	30.6	33.0	36.5	42.1	45.0
Executive Vice President.....	(NA)	(NA)	31.4	34.4	39.1	41.9	(NA)	(NA)	26.3	28.0	32.3	35.0
Chief Academic Officer.....	21.0	26.0	29.2	32.3	37.5	39.9	17.5	22.6	24.2	26.8	30.0	32.6
Chief Student Affairs Officer <sup>1</sup> .....	18.0	21.7	25.3	27.3	32.3	34.7	13.0	16.0	17.9	20.4	24.0	26.0

NA Not available.

<sup>1</sup> Prior to 1980, titled Chief Student Life Officer.

Source: College and University Personnel Association, Washington, D.C., *Administrative Compensation Survey*, Annual (Copyright.)

**NO. 282. INSTITUTIONS OF HIGHER EDUCATION—TENURE STATUS OF FULL-TIME FACULTY, BY TYPE OF INSTITUTION AND RANK OF FACULTY: 1979**

[Includes Puerto Rico and outlying areas]

ITEM	All institutions <sup>1</sup>	University	Other 4-yr. schools	2-yr. schools	Professor	Associate professor	Assistant professor	Instructor	Lecturer
<b>PUBLIC INSTITUTIONS</b>									
Total faculty.....	289,280	91,408	114,320	83,552	68,425	69,036	70,618	23,602	4,936
With tenure.....	172,003	57,248	70,690	44,065	63,588	56,590	22,632	2,796	801
Percent.....	59.5	62.6	61.8	52.7	92.9	82.0	32.0	11.8	16.2
<b>PRIVATE INSTITUTIONS</b>									
Total faculty.....	106,688	32,909	68,907	4,872	29,511	27,547	31,471	10,530	981
With tenure.....	49,671	17,699	30,993	979	24,703	18,276	5,411	287	13
Percent.....	46.6	53.8	45.0	20.1	83.7	66.3	17.2	2.7	1.3

<sup>1</sup> Includes instructional faculty with no academic rank, not shown separately.

Source: U.S. National Center for Education Statistics, unpublished data.

**NO. 283. EARNED DEGREES CONFERRED, BY LEVEL OF DEGREE: 1950 TO 1980**

[In thousands, except percent. Includes Puerto Rico; 1965, Guam; and 1970, Virgin Islands. See *Historical Statistics, Colonial Times to 1970*, series H 751-763, for similar data. See also Appendix III]

YEAR	TOTAL		BACHELOR'S <sup>1</sup>		MASTER'S <sup>2</sup>		DOCTORATES		PERCENT OF TOTAL		
	Number	Percent male	Male	Female	Male	Female	Male	Female	Bachelor's <sup>1</sup>	Master's <sup>2</sup>	Doctorates
1950.....	499	75.6	330	104	41	17	6.0	.6	87.0	11.7	1.3
1955.....	354	85.0	184	104	39	19	8.0	.8	81.1	16.4	2.5
1960.....	479	65.8	256	139	51	24	8.8	1.0	82.4	15.5	2.1
1965.....	668	61.5	320	219	76	36	14.7	1.8	80.7	16.8	2.5
1970.....	1,073	59.6	487	346	126	83	25.9	4.0	77.7	19.5	2.8
1973.....	1,280	58.7	568	412	155	110	28.6	6.2	76.6	20.7	2.7
1974.....	1,321	58.0	580	429	158	120	27.4	6.5	76.4	21.1	2.6
1975.....	1,316	56.8	558	430	162	132	26.8	7.3	75.1	22.3	2.6
1976.....	1,345	56.2	562	436	168	145	26.3	7.8	74.2	23.3	2.5
1977.....	1,344	55.4	552	441	168	150	25.2	8.1	73.9	23.7	2.5
1978.....	1,342	54.3	544	454	162	151	23.7	8.5	74.3	23.3	2.4
1979.....	1,335	53.3	534	466	154	148	23.6	9.2	74.9	22.6	2.5
1980.....	1,342	52.5	530	480	151	148	23.1	9.7	75.2	22.3	2.4

<sup>1</sup> Includes 1st professional degrees. <sup>2</sup> Includes 2d level degrees.

Source: U.S. National Center for Education Statistics, *Earned Degrees Conferred*, annual.

NO. 284. EARNED DEGREES CONFERRED, BY FIELD OF STUDY, 1975 TO 1980, AND BY LEVEL OF DEGREE AND SEX, 1980

MAJOR FIELD OF STUDY	BACHELOR'S <sup>1</sup> (1,000)							MASTER'S, 1980		DOCTORATES, 1980	
	1975	1976	1977	1978	1979	1980		Total	Male	Total	Male
						Total	Male				
All fields.....	922.9	925.7	919.5	921.2	921.4	928.6	473.3	298,468	150,949	32,741	23,074
Agriculture.....	17.5	19.4	21.5	22.7	23.1	22.9	16.1	3,992	3,091	991	879
Animal science.....	3.4	3.9	4.1	4.1	4.0	3.6	2.0	463	361	136	122
Forestry.....	2.6	2.7	2.7	2.7	2.5	2.4	2.0	437	351	80	72
All other.....	11.5	12.9	14.7	15.9	16.6	16.9	12.2	3,092	2,379	775	685
Architecture.....	8.2	9.1	9.2	9.3	9.3	9.1	6.6	3,131	2,240	79	66
Area studies.....	3.0	3.1	3.0	2.9	2.6	2.5	1.0	757	395	145	95
Biological sciences.....	51.7	54.3	53.6	51.5	48.8	46.7	27.0	6,517	4,100	3,650	2,702
Biology, general.....	38.7	40.2	39.5	37.6	36.0	33.3	19.0	2,875	1,825	698	506
Zoology, general.....	5.6	5.5	5.0	4.5	4.1	3.7	2.4	431	298	245	199
All other.....	7.4	8.6	9.1	9.4	8.8	9.8	5.7	3,211	1,977	2,707	1,997
Business and management.....	133.8	143.4	152.1	161.3	172.9	186.7	124.0	55,325	42,993	800	681
Business management and administration.....	38.9	44.1	47.4	51.0	57.0	60.8	42.2	29,758	23,559	410	351
Business, commerce, general.....	31.2	30.1	30.2	31.9	32.2	33.8	22.5	10,832	8,325	101	88
Accounting.....	31.1	35.8	39.2	40.1	41.4	42.7	27.3	3,475	2,514	51	42
All other.....	32.6	33.4	35.4	38.3	42.3	49.4	32.1	11,260	8,595	238	200
Communications.....	19.2	21.3	23.2	25.4	26.5	28.7	13.7	3,080	1,519	200	124
Computer and information sciences.....	5.0	5.7	6.4	7.2	8.7	11.1	7.7	3,597	2,833	239	212
Education.....	167.0	154.8	143.7	136.1	126.0	118.6	31.1	103,570	30,881	7,978	4,448
Elementary, general.....	68.7	60.3	53.0	49.3	44.8	41.9	4.3	15,836	1,834	214	77
Physical.....	24.6	24.2	23.3	22.7	21.2	20.1	10.1	4,197	2,213	260	154
Music.....	8.0	7.9	7.6	7.4	6.7	6.2	2.6	1,142	522	105	73
Special education, general.....	7.8	8.2	8.5	8.5	8.7	8.8	8.8	8,872	1,287	257	109
Other education fields.....	57.9	54.2	51.2	48.2	44.5	41.6	13.2	73,523	25,025	7,142	4,035
Engineering.....	46.9	46.3	49.3	55.7	62.4	68.8	62.4	16,275	15,133	2,508	2,413
Fine and applied arts.....	40.8	42.1	41.8	41.0	41.0	40.9	15.1	8,717	4,071	655	413
Art <sup>2</sup> .....	16.2	16.4	16.3	15.9	15.3	15.1	4.5	2,467	1,067	115	45
Music <sup>3</sup> .....	8.7	9.1	9.2	9.0	9.0	8.9	4.1	3,380	1,688	398	284
Dramatic arts.....	5.5	5.7	5.2	5.0	5.0	5.1	2.1	1,089	558	91	58
All other.....	10.5	10.9	11.1	11.0	11.6	11.8	4.4	1,781	758	51	26
Foreign languages.....	17.6	15.5	13.9	12.7	11.8	11.1	2.7	2,257	667	530	227
Health professions.....	49.1	54.0	57.3	59.4	62.1	63.4	11.2	15,730	4,339	803	449
Nursing.....	23.7	26.7	28.4	30.0	31.4	32.1	1.8	4,548	158	115	2
Pharmacy.....	6.3	6.9	7.5	7.3	6.8	6.7	4.0	331	226	83	68
Medical lab. technology.....	5.0	5.4	5.3	5.2	5.2	5.1	1.0	231	77	1	-
All other.....	14.0	15.0	16.1	16.9	18.7	19.5	4.4	10,620	3,878	604	379
Home economics.....	16.8	17.4	17.4	17.6	18.3	18.4	.9	2,610	218	192	46
Law (excl. first professional).....	.4	.5	.6	.6	.7	.7	.4	1,817	1,531	40	36
Letters.....	57.6	51.5	47.1	44.3	42.0	40.5	16.5	8,578	3,384	1,877	1,108
Library sciences.....	1.1	.8	.8	.7	.6	.4	(2)	5,374	1,004	73	35
Mathematical subjects.....	18.2	16.0	14.2	12.6	11.8	11.4	6.6	2,875	1,833	725	625
Military sciences.....	.3	1.2	.9	.4	.3	.3	.2	46	46	-	-
Physical sciences.....	20.8	21.5	22.5	23.0	23.2	23.5	17.9	5,265	4,270	3,089	2,705
Chemistry, general.....	10.4	11.0	11.1	11.2	11.5	11.2	8.0	1,622	1,197	1,413	1,179
Physics.....	3.6	3.5	3.4	3.3	3.3	3.3	2.9	1,181	1,065	815	753
Geology.....	3.2	3.3	3.7	4.2	4.3	4.4	3.3	1,194	974	260	238
All other.....	3.5	3.8	4.3	4.2	4.1	4.5	3.6	1,268	1,034	601	535
Psychology.....	51.0	49.9	47.4	44.6	42.5	42.0	15.4	7,895	3,409	2,773	1,618
Public affairs and services.....	28.2	33.2	36.3	37.2	38.2	37.3	16.8	20,070	9,611	392	254
Social sciences.....	135.7	126.8	117.4	113.2	108.3	103.9	58.6	12,158	7,774	3,223	2,349
History.....	31.5	28.4	25.4	23.0	21.0	19.3	12.1	2,365	1,451	712	524
Sociology.....	31.5	27.6	24.7	22.8	20.3	18.8	6.3	1,345	671	584	356
Political science, government.....	29.1	28.3	26.4	26.1	25.6	25.4	16.3	1,941	1,426	535	428
Social sciences, general.....	13.8	12.3	10.8	11.3	10.4	7.9	4.0	1,192	687	74	43
Economics.....	14.0	14.7	15.3	15.7	16.4	17.7	12.4	1,777	1,408	677	575
All other.....	15.8	15.4	14.7	14.5	14.6	14.9	7.6	3,538	2,131	641	423
Theology.....	4.8	5.5	6.1	6.3	6.1	6.2	4.6	3,944	2,777	1,386	1,309
Theological professions, general.....	2.8	3.5	3.9	4.0	3.8	3.4	2.9	2,358	1,824	1,214	1,158
Religious education.....	1.4	1.5	1.6	1.7	1.7	1.8	1.0	857	448	39	31
All other.....	.7	.5	.7	.6	.6	1.0	.7	729	505	133	120
Interdisciplinary studies <sup>4</sup> .....	28.2	32.4	33.9	35.6	34.2	33.7	16.8	4,888	2,830	393	280

- Represents zero. Z Less than 50. <sup>1</sup>Requiring 4 or 5 years. <sup>2</sup>Includes history and appreciation. <sup>3</sup>Includes performing and liberal arts, history, and appreciation. <sup>4</sup>Comprises general liberal arts and sciences, biological and physical sciences, humanities and social sciences, engineering, and other disciplines.

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics*, annual, and unpublished data.



## NO. 285. DEGREES CONFERRED IN SELECTED PROFESSIONS: 1950 TO 1980

[First professional degrees for medicine, dentistry, and law. NA=Not available. See Appendix III]

TYPE OF DEGREE	1950	1955	1960	1965	1970	1975	1977	1978	1979	1980
Medicine (M.D.):										
Institutions conferring degrees	72	72	79	81	86	104	109	109	109	112
Degrees conferred, total	5,612	7,014	7,032	7,304	8,314	12,447	13,461	14,279	14,786	14,902
Men	5,028	6,683	6,645	6,832	7,615	10,818	10,891	11,210	11,381	11,416
Women	584	331	387	472	699	1,629	2,570	3,069	3,405	3,486
Dentistry (D.D.S. or D.M.D.):										
Institutions conferring degrees	40	42	45	45	48	52	57	57	58	58
Degrees conferred, total	2,579	3,099	3,247	3,107	3,718	4,773	5,138	5,189	5,434	5,258
Men	2,551	3,071	3,221	3,085	3,684	4,627	4,764	4,623	4,794	4,558
Women	18	28	26	22	34	146	374	566	640	700
Law (L.L.B. or J.D.):										
Institutions conferring degrees	(NA)	128	134	134	145	154	169	169	175	179
Degrees conferred, total	(NA)	8,209	9,240	11,583	14,916	29,296	34,104	34,402	35,206	35,867
Men	(NA)	7,921	9,010	11,216	14,115	24,681	26,447	25,457	25,180	24,906
Women	(NA)	288	230	367	801	4,415	7,657	8,945	10,026	10,761
Engineering:										
Degrees conferred, total	57,159	27,527	45,624	50,664	63,753	65,308	68,114	74,492	80,376	87,601
Male	56,968	(NA)	45,453	(NA)	63,227	63,853	65,103	69,861	74,168	79,932
Female	191	(NA)	171	(NA)	526	1,455	3,011	4,631	6,208	7,669
Bachelor's <sup>1</sup>	52,246	22,445	37,679	36,485	44,479	46,852	49,283	55,654	62,375	68,818
Master's <sup>2</sup>	4,496	4,483	7,159	12,055	15,593	15,348	16,245	16,398	15,495	16,275
Doctorates	417	599	786	2,124	3,681	3,108	2,586	2,440	2,506	2,508

<sup>1</sup> Includes first professional. <sup>2</sup> Includes second professional or second level.Source: U.S. National Center for Education Statistics, *Digest of Education Statistics*, annual.

## NO. 286. EARNED DEGREES BELOW BACHELOR'S, BY CURRICULUM: 1971 TO 1979

[In thousands, except percent. Includes Puerto Rico and outlying areas. Covers associate degrees and other awards based on post-secondary curriculums of less than 4 years in institutions of higher education]

TYPE OF CURRICULUM	1971	1974	1975	1976	1977	1978	1979	PERCENT FEMALE			
								1971	1975	1978	1979
All degrees	303.4	429.7	448.5	487.7	511.0	524.0	515.4	44.5	46.7	50.9	52.9
Arts, science (incl. general programs)	150.0	169.2	171.4	174.7	176.0	172.0	162.7	43.2	45.3	49.6	51.4
Occupational <sup>1</sup>	153.5	260.5	277.2	313.0	334.5	352.0	352.7	45.7	47.8	51.5	53.5
Science and engineering	87.7	147.3	159.0	174.8	186.4	194.3	193.5	42.0	47.9	49.2	49.9
Health service	34.5	70.3	76.7	83.5	88.0	90.6	90.0	91.6	87.5	87.6	87.6
Nursing, R.N.	14.4	28.7	32.4	34.3	35.9	36.8	35.9	95.8	93.1	92.5	92.8
Mechanical and engineering	37.4	52.6	56.3	63.3	68.1	71.6	71.3	1.4	2.6	5.1	6.0
Natural science	7.0	16.4	18.0	19.5	20.9	21.2	19.7	22.8	30.9	37.7	38.3
Data processing	8.7	8.0	7.9	8.5	9.4	10.8	12.5	35.6	32.6	42.8	47.2
Business and commerce	51.0	80.5	83.0	96.8	105.7	115.8	121.3	64.0	51.9	58.1	61.5
Secretarial	16.5	27.3	27.5	29.0	30.6	32.8	34.2	98.3	98.9	98.9	99.1
Public service	14.8	32.8	35.2	41.4	42.4	41.9	37.9	38.8	38.6	43.8	47.1
Police and corrections	6.9	15.9	17.0	20.3	20.0	19.3	16.0	6.1	12.4	21.0	24.0

<sup>1</sup> 1971 excludes degrees below the technical or semiprofessional levelSource: U.S. National Center For Education Statistics, *Associate Degrees and Other Formal Awards Below the Baccalaureate*, annual.

## NO. 287. NONCOLLEGIATE POSTSECONDARY SCHOOLS—ENROLLMENT AND INSTRUCTIONAL STAFF, BY TYPE OF SCHOOL: 1978

[For school year ending in June includes Puerto Rico. Covers schools offering occupational programs, including correspondence schools]

ITEM	Unit	Total <sup>1</sup>	Vocational and technical	Technical institute	Business and office	Cosmetology and barber	Flight	Trade	Arts/Design	Hospital	Allied health
Schools	Number	7,707	616	108	1,269	2,163	1,064	750	252	917	358
Total enrollment	1,000	1,761	575	55	531	132	63	203	49	48	58
Percent female	Percent	52.0	43.9	10.4	59.8	84.9	8.2	21.1	60.3	91.4	86.6
Full-time	1,000	1,235	372	31	366	110	14	159	36	48	52
Part-time	1,000	526	203	24	165	22	(z)	4	-	6	9
Public	1,000	452	405	11	1	132	63	199	49	42	49
Private	1,000	1,309	170	44	530	132	63	199	49	42	49
Instructional staff	1,000	63	19	1	10	8	5	4	3	10	2
Percent female	Percent	47.1	34.2	7.7	50.6	79.0	6.4	15.6	34.6	78.9	76.1

- Represents zero. Z Less than 500. <sup>1</sup> Includes other types, not shown separately.Source: U.S. National Center for Education Statistics, *Directory of Postsecondary Schools with Occupational Programs, 1978*, and *Enrollments and Programs in Noncollegiate Postsecondary Schools, 1978*.

## No. 288. LIBRARIES—NUMBER, BY TYPE: 1979 AND 1980

TYPE	TOTAL		PERCENT		TYPE	TOTAL		PERCENT	
	1979	1980	1979	1980		1979	1980	1979	1980
<b>Total</b> <sup>1</sup>	<b>32,377</b>	<b>31,591</b>	<b>100.0</b>	<b>100.0</b>	Academic.....	4,676	4,618	14.4	14.6
United States .....	29,446	28,685	90.9	90.7	Junior college.....	1,135	1,191	3.5	3.8
Public .....	8,601	8,717	26.6	27.6	Universities, colleges.....	1,912	1,911	5.9	6.0
Public branches .....	5,789	5,936	17.9	18.8	Departmental.....	1,629	1,516	5.0	4.8
Special .....	5,294	4,645	16.4	14.7	Law, medicine, religious.....	512	279	1.6	.9
Medical .....	1,705	1,674	5.3	5.3	Armed Forces.....	489	485	1.5	1.5
Government.....	1,451	1,260	4.5	4.0	Law <sup>2</sup> .....	429	417	1.3	1.3
Religious .....	1,012	913	3.1	2.9	Outlying areas.....	141	113	.4	.4

<sup>1</sup> Includes public libraries with annual incomes of less than \$2,000 or book funds of less than \$500, law libraries with less than 10,000 volumes each, Canadian libraries, and libraries in regions administered by the U.S., not shown separately. <sup>2</sup> Law libraries with more than 10,000 volumes.

Source: R.R. Bowker Co., New York, N.Y., *The Bowker Annual Library and Book Trade Information and American Library Directory*, annual. (Copyright by Xerox Corporation.)

## No. 289. COLLEGE AND UNIVERSITY LIBRARIES—SUMMARY: 1979

[For school year ending in year shown. Based on survey of academic libraries and joint library systems in the U.S. and outlying areas. Data from Survey of College and University Libraries, 1978-1979. For definition of median, see Guide to Tabular Presentation]

TYPE OF CONTROL AND ENROLLMENT SIZE	MATERIALS CIRCULATED		MEDIAN NUMBER OF VOLUMES—		OPERATING EXPENSES				STAFF <sup>3</sup>	
	Total (1,000)	Median (1,000)	Added (1,000)	Held (1,000)	Total <sup>1</sup> (\$1,000)	Wages and salaries <sup>2</sup> (\$1,000)	Books (\$1,000)	Periodicals (\$1,000)	Total (1,000)	Professional staff (1,000)
<b>All types, public</b> .....	<b>136,396</b>	<b>30</b>	<b>3</b>	<b>54</b>	<b>1,013</b>	<b>562</b>	<b>147</b>	<b>118</b>	<b>38,307</b>	<b>14,889</b>
10,000 or more.....	86,216	195	21	439	616	335	88	79	22,760	8,420
5,000 to 9,999.....	26,017	57	5	87	196	111	30	20	7,379	2,939
1,000 to 4,999.....	22,116	19	2	39	179	105	26	16	7,367	3,126
500 to 999.....	1,613	8	1	21	15	9	2	1	591	305
500 or less.....	434	5	1	15	6	3	1	1	211	100
<b>All types, private</b> .....	<b>64,911</b>	<b>15</b>	<b>2</b>	<b>64</b>	<b>490</b>	<b>262</b>	<b>77</b>	<b>61</b>	<b>20,109</b>	<b>8,787</b>
10,000 or more.....	14,246	345	42	1,059	133	75	19	17	4,701	1,687
5,000 to 9,999.....	13,015	98	12	312	115	61	17	17	4,858	1,744
1,000 to 4,999.....	23,918	31	4	112	160	81	28	20	6,701	3,134
500 to 999.....	7,871	15	2	64	46	25	8	5	2,132	1,192
500 or less.....	5,860	5	1	25	36	18	6	3	1,717	1,030

<sup>1</sup> Includes expenses not shown separately. <sup>2</sup> Includes fringe benefits. <sup>3</sup> Full time equivalent.

Source: U.S. National Center for Education Statistics, unpublished data.

## No. 290. FEDERALLY AIDED VOCATIONAL PROGRAMS—ENROLLMENT AND EXPENDITURES: 1950 TO 1979

[For years ending June 30. Includes Puerto Rico for all years; Virgin Islands from 1955; Guam from 1960; American Samoa and Trust Territory of the Pacific Islands from 1970; and N. Marianas Islands, beginning 1978. See also *Historical Statistics, Colonial Times to 1970*, series H 572-581]

YEAR	ENROLLMENT (1,000)					EXPENDITURES (mil. dol.)		
	Total <sup>1</sup>	Home economics	Office occupations	Trade, industrial	Agriculture	Total	Federal	State and local
1950.....	3,365	1,430	-	805	765	128.7	26.6	102.1
1955.....	3,314	1,432	-	871	776	164.8	30.4	134.4
1960.....	3,768	1,588	-	938	796	238.8	45.3	193.5
1965.....	5,431	2,099	731	1,088	888	604.6	156.9	447.7
1970.....	8,794	2,570	2,111	1,906	853	1,866.2	300.7	1,565.5
1972.....	11,602	3,446	2,352	2,398	896	2,660.8	466.0	2,194.7
1973.....	12,072	3,517	2,499	2,702	928	3,033.7	482.4	2,551.3
1974.....	13,556	3,703	2,757	2,824	976	3,433.8	468.2	2,965.6
1975.....	15,340	3,746	2,951	3,017	1,013	4,037.3	536.1	3,501.1
1976.....	15,346	3,986	3,115	3,110	1,060	4,713.6	543.2	4,170.4
1977.....	16,464	4,164	3,273	3,247	1,056	4,962.6	533.6	4,428.9
1978.....	17,599	4,199	3,312	3,403	1,007	5,673.5	499.1	5,174.4
1979.....	17,268	4,300	3,469	3,436	972	6,473.1	550.9	5,922.3

- Represents zero. <sup>1</sup> Includes programs not shown separately. Represents unduplicated enrollment.

Source: U.S. Office of Human Development Services, *Vocational and Technical Education*, annual; U.S. Dept. of Education, Division of Vocational and Technical Education, *Status of Vocational Education in 1978*; and National Center for Education Statistics, *A Statistical Overview of Vocational Education*.

## NO. 291. WORK/TRAINING ACTS—ENROLLMENTS AND OBLIGATIONS: 1978 TO 1980

[For years ending Sept. 30. Covers programs administered by the U.S. Dept. of Labor]

PROGRAM	FIRST-TIME ENROLLMENTS (1,000)			CURRENT ENROLLMENTS (1,000)			OBLIGATIONS (mil. dol.)		
	1978	1979	1980	1978	1979	1980	1978	1979	1980
<b>Total</b> .....	<b>4,377</b>	<b>4,013</b>	<b>3,699</b>	<b>2,861</b>	<b>2,748</b>	<b>2,757</b>	<b>7,596</b>	<b>10,590</b>	<b>8,777</b>
CETA <sup>1</sup> .....	3,325	3,044	2,610	1,271	1,206	1,135	7,145	10,097	8,269
Training and Work Experience.....	965	891	795	324	299	337	1,910	1,943	2,045
Public Service Employment.....	657	694	385	596	555	333	2,208	5,779	3,162
Special Target Groups <sup>2</sup> .....	210	176	209	105	175	244	684	414	507
Job Corps.....	49	59	71	24	33	39	377	401	401
Summer Youth Program.....	994	821	691	(x)	(x)	(x)	755	662	725
Young Adult Conservation Corps.....	52	41	46	26	20	15	227	227	223
Private Sector Initiative Program.....	(x)	(x)	50	(x)	(x)	27	(x)	(x)	368
Youth Employment Training Program.....	398	362	363	196	124	140	984	671	832
Older Americans Act.....	39	48	52	37	40	55	201	221	267
Work Incentive Program.....	1,013	921	1,037	1,553	1,502	1,567	250	272	247

X Not applicable. <sup>1</sup> Comprehensive Employment and Training Act. <sup>2</sup> Includes Indian and Migrant programs.Source: U.S. Employment and Training Administration, *Employment and Training Report of the President*, annual.

## NO. 292. ADULT EDUCATION—PERCENT PARTICIPATION, BY ANNUAL FAMILY INCOME AND PROVIDER OF INSTRUCTION, AND BY SEX AND RACE: 1978

[For year ending in May. Includes all participants in adult education 17 years old and over regardless of their enrollment status in high school or college]

ITEM	Total	Male	Female	White	Black	Other
Participants in adult education (1,000).....	18,197	7,820	10,377	16,935	928	334
Percent of population.....	11.8	10.7	12.7	12.5	5.8	12.8
PERCENT OF POPULATION						
Age:						
17-34 years.....	15.7	14.2	17.1	16.8	7.8	14.6
35-54 years.....	13.0	11.7	14.3	13.9	5.5	14.7
55 years and over.....	4.5	3.8	5.1	4.8	2.0	4.3
Highest level of education:						
Less than 4 years of high school.....	3.5	2.9	4.0	3.6	2.1	7.7
4 years of high school.....	10.7	9.4	11.7	11.1	6.2	10.3
1 to 3 years of college.....	18.1	15.5	20.7	18.8	12.3	13.8
4 or more years of college.....	27.6	24.2	32.3	28.3	16.5	22.1
Annual family income:						
Under \$5,000.....	4.9	4.1	5.3	5.6	2.5	6.2
\$5,000-\$7,499.....	6.3	5.0	7.3	6.8	4.0	3.4
\$7,500-\$9,999.....	9.7	7.6	11.5	10.4	5.6	12.2
\$10,000-\$14,999.....	11.3	9.6	12.9	11.8	6.8	14.1
\$15,000-\$24,999.....	15.1	14.1	16.3	15.6	9.0	17.3
\$25,000-\$49,999.....	18.4	16.1	20.8	18.6	13.1	17.2
\$50,000 and over.....	18.3	15.0	21.9	18.2	19.5	23.4
Not reported.....	6.6	5.8	7.4	6.8	4.1	7.3
PERCENT DISTRIBUTION <sup>1</sup>						
Provider of instruction:						
Elementary, junior, or high school.....	11.7	7.8	14.7	11.3	16.3	19.7
2-year college or voc-tech institute.....	18.6	16.2	20.4	18.6	20.4	15.4
4-year college or university.....	18.4	19.4	17.8	18.4	18.3	22.5
Vocational, trade, or business school.....	8.8	9.4	8.3	8.8	9.3	6.0
Tutor or private instructor.....	6.4	4.1	8.1	6.6	2.0	4.9
Business or industry.....	13.7	19.7	9.2	13.9	11.7	6.9
Labor organization or professional assn.....	4.3	5.7	3.3	4.5	2.6	2.2
Government agency.....	10.2	10.4	10.1	10.1	11.3	13.2
Private community organization.....	10.9	7.5	13.4	11.1	5.6	11.8
Other.....	9.8	9.3	10.1	9.9	2.8	8.5
Employer gave course for employees.....	19.6	26.1	14.7	19.4	25.9	15.9

<sup>1</sup> Percentages total more than 100 since some adults received instruction from more than one type of provider.Source: U.S. National Center for Education Statistics, *Participation in Adult Education, 1978*.